

## Rabbit anti-Human B2M Polyclonal Antibody | anti-B2M antibody

B2M Polyclonal Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA179777</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

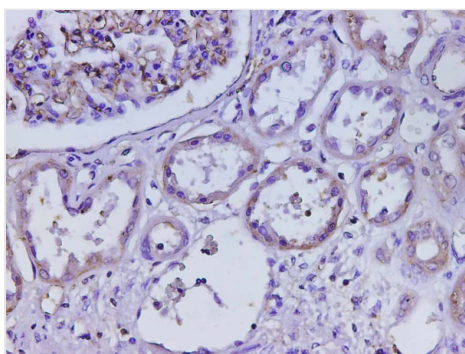
### PRODUCT SYNONYMS

B2M; Polyclonal Antibody; B2M Polyclonal Antibody; B2MG; Beta 2 microglobulin; Beta 2 microglobulin; Beta 2 microglobulin precursor; Beta chain of mhc class 1 proteins; Beta chain of MHC class I molecules; Beta-2-microglobulin form pl 5.3; CDABP0092; Hdcma22p; IMD43; anti-B2M antibody

### PRODUCT SPECIFICATIONS

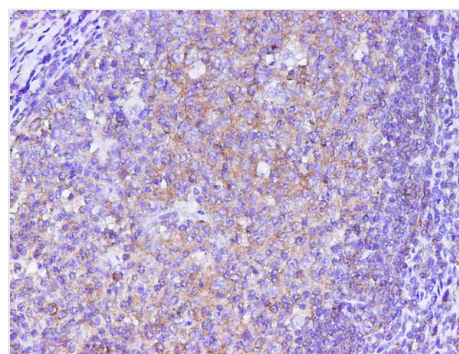
|                                               |                                                                             |
|-----------------------------------------------|-----------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                      |
| Reactivity                                    | Human                                                                       |
| Clonality                                     | Polyclonal                                                                  |
| Isotype                                       | IgG                                                                         |
| Purity/Purification                           | Antigen Affinity Purification                                               |
| Form/Format                                   | PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH 7.4 |
| Concentration                                 | 1mg/mL (varies by lot)                                                      |
| Applicable Applications for anti-B2M antibody | IHC (Immunohistochemistry), WB (Western Blot)                               |
| Immunogen                                     | Recombinant Human B2M protein expressed by E coli                           |
| Preparation and Storage                       | Store at -20 degree C Valid for 12 months. Avoid freeze/thaw cycles.        |

### IMAGES



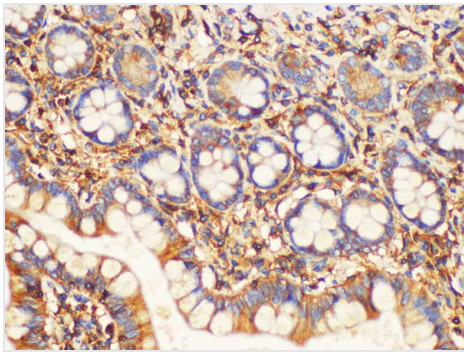
**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human kidney using B2M Polyclonal Antibody at dilution of 1:200



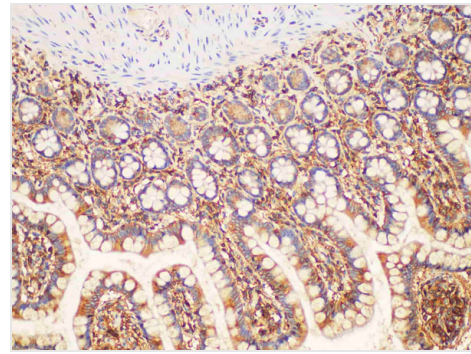
**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human tonsil using B2M Polyclonal Antibody at dilution of 1:200



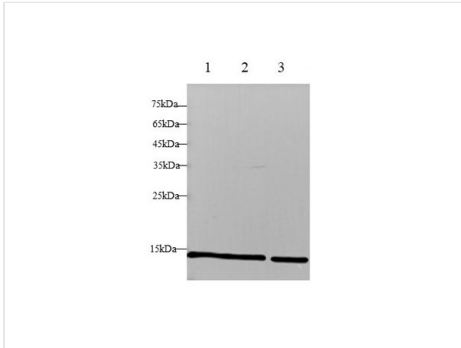
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon using B2M Polyclonal Antibody at dilution of 1:100(400×



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon using B2M Polyclonal Antibody at dilution of 1:100(100×



#### WB (Western Blot)

Western blot with B2M Polyclonal antibody at dilution of 1:1000.lane 1:Hela whole cell lysate,lane 2?A431 whole cell lysate,lane3?Raji whole cell lysate

## ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-B2M antibody</b> | Beta-2-microglobulin (B2M) is a component of MHC class I molecules, which are present on the surface of nearly all nucleated cells. It can be found in body fluids under physiologic conditions as a result of shedding from cell surfaces or intracellular release. B2M has various biological functions, including antigen presentation. Investigations reveal that increased synthesis and release of B2M are present in several malignant diseases. |
| <b>Product Categories/Family for anti-B2M antibody</b>   | <a href="#">Polyclonal Antibodies</a> ; <a href="#">Primary Antibodies</a> ; <a href="#">Polyclonal Antibodies</a> ; <a href="#">Cancer</a> ; <a href="#">Cardiovascular</a>                                                                                                                                                                                                                                                                            |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                                                                                                                              |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | <a href="#">48428791</a>                                                                                                                                                     |
| <b>NCBI GeneID</b>                      | <a href="#">567</a>                                                                                                                                                          |
| <b>UniProt Accession #</b>              | <a href="#">P61769</a> ; <a href="#">P01884</a> ; <a href="#">Q540F8</a> ; <a href="#">Q6IAT8</a> ; <a href="#">Q9UCK0</a> ; <a href="#">Q9UD48</a> ; <a href="#">Q9UDF4</a> |
| <b>Molecular Weight</b>                 | 119                                                                                                                                                                          |
| <b>NCBI Official Full Name</b>          | Beta-2-microglobulin                                                                                                                                                         |
| <b>NCBI Official Synonym Full Names</b> | beta-2-microglobulin                                                                                                                                                         |
| <b>NCBI Official Symbol</b>             | B2M                                                                                                                                                                          |
| <b>NCBI Protein Information</b>         | beta-2-microglobulin; beta-2-microglobin; beta chain of MHC class I molecules                                                                                                |
| <b>UniProt Protein Name</b>             | Beta-2-microglobulin                                                                                                                                                         |
| <b>UniProt Gene Name</b>                | <b>B2M</b>                                                                                                                                                                   |
| <b>UniProt Entry Name</b>               | B2MG_HUMAN                                                                                                                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/b2m-antibody-immunohistochemistry-western-blot-elisa/179777>