

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

B2M Polyclonal Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA176960</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

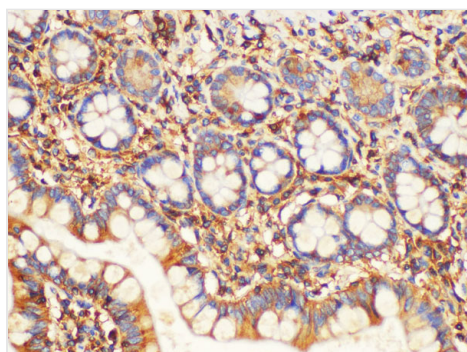
### PRODUCT SYNONYMS

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 pI 5.3; CDABP0092; Hdcma22p; IMD43; anti-B2M antibody

### PRODUCT SPECIFICATIONS

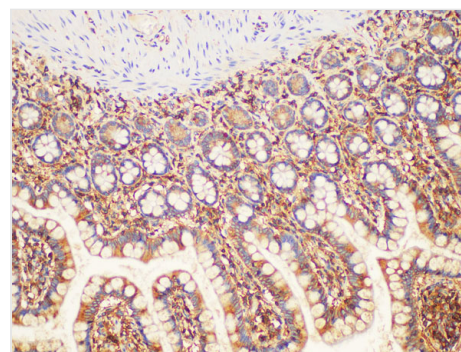
|                                               |                                                 |
|-----------------------------------------------|-------------------------------------------------|
| Host                                          | Rabbit                                          |
| Reactivity                                    | Human                                           |
| Clonality                                     | Polyclonal                                      |
| Isotype                                       | IgG                                             |
| Purity/Purification                           | Antigen Affinity Purification                   |
| Form/Format                                   | PBS with 0.05% Proclin300, 50% glycerol, pH7.3. |
| Concentration                                 | 1mg/mL (varies by lot)                          |
| Sequence Length                               | 119                                             |
| Applicable Applications for anti-B2M antibody | IHC (Immunohistochemistry), WB (Western Blot)   |
| Immunogen                                     | Recombinant Human Beta-2-microglobulin protein  |
| Conjugation                                   | Unconjugated                                    |
| Preparation and Storage                       | Store at -20?. Avoid freeze/ thaw cycles.       |

### IMAGES



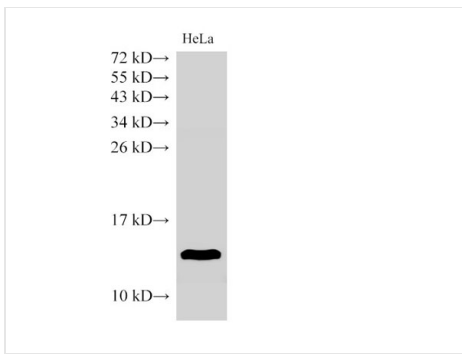
**IHC (Immunohistochemistry)**

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



**IHC (Immunohistochemistry)**

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



#### WB (Western Blot)

Western Blot analysis of HeLa cells using B2M Polyclonal Antibody at dilution of 1:2000

## 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>   | Cancer, Cardiovascular                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## NCBI AND UNIPROT INFORMATION

|                                         |                                            |
|-----------------------------------------|--------------------------------------------|
| <b>NCBI GI #</b>                        | 48428791                                   |
| <b>NCBI GeneID</b>                      | 567                                        |
| <b>UniProt Accession #</b>              | P61769                                     |
| <b>Molecular Weight</b>                 | Calculated MW: 13kDa<br>Observed MW: 13kDa |
| <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 Official Synonym Symbols</b>    | IMD43                                      |
| <b>NCBI Protein Information</b>         | beta-2-microglobulin                       |
| <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/176960>