

Rabbit anti-Human PSMB2 Polyclonal Antibody | anti-PSMB2 antibody

PSMB2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174286	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

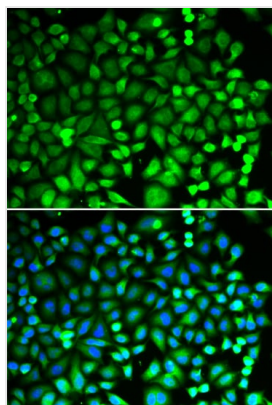
PRODUCT SYNONYMS

PSMB2; Polyclonal Antibody; PSMB2 Polyclonal Antibody; HC7 I; Macropain subunit C7 I; Macropain subunit C7-I; Multicatalytic endopeptidase complex subunit C7 1; Multicatalytic endopeptidase complex subunit C7 I; Multicatalytic endopeptidase complex subunit C7-I; Proteasome (prosome; macropain) subunit beta type 2; Proteasome beta 2 subunit; Proteasome component C7 I; Proteasome component C7-I; Proteasome subunit beta type-2; PSB2; Psmb2; anti-PSMB2 antibody

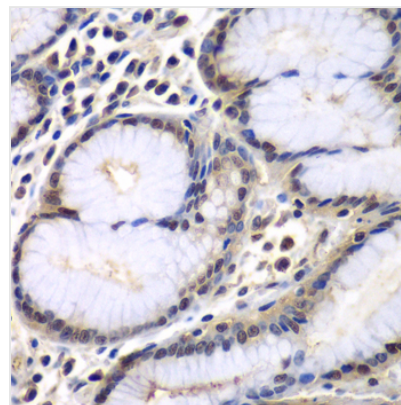
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	201
Applicable Applications for anti-PSMB2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PSMB2
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

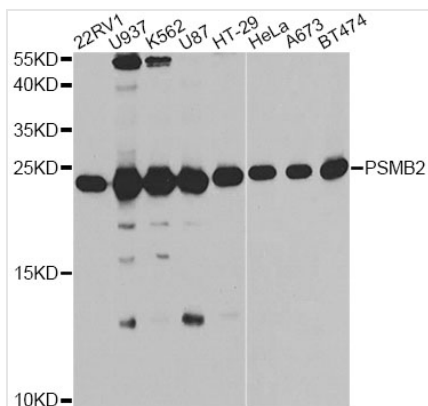
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using PSMB2 antibody.


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon using PSMB2 antibody.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PSMB2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMB2 antibody	The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Product Categories/Family for anti-PSMB2 antibody	Cancer; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506195
NCBI GeneID	5690
NCBI Accession #	NP_002785.1
NCBI GenBank Nucleotide #	NM_002794.5
UniProt Accession #	P49721; P31145; Q9BWZ9; D3DPS0
Molecular Weight	Calculated: 22kDa Observed: 23kDa
NCBI Official Full Name	proteasome subunit beta type-2 isoform 1
NCBI Official Synonym Full Names	proteasome subunit beta 2
NCBI Official Symbol	PSMB2
NCBI Official Synonym Symbols	HC7-I
NCBI Protein Information	proteasome subunit beta type-2
UniProt Protein Name	Proteasome subunit beta type-2
UniProt Gene Name	PSMB2

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.