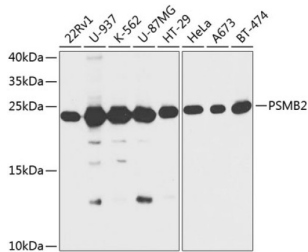
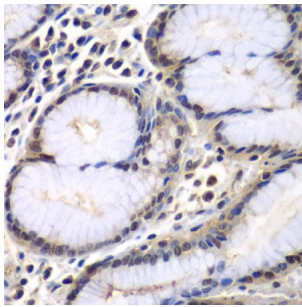


Proteasome Subunit Beta Type 2 (PSMB2) Antibody

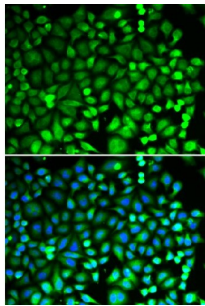
Catalogue No.: abx004200



Western blot analysis of extracts of various cell lines using PSMB2 Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded Human colon using PSMB2 Antibody (1/100 dilution, 40x lens).



Immunofluorescence analysis of MCF-7 cells using PSMB2 Antibody

PSMB2 Antibody is a Rabbit Polyclonal antibody against PSMB2. 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.

Target: Proteasome Subunit Beta Type 2 (PSMB2)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: WB, IHC, IF/ICC

Datasheet

Version: 5.0.0
Revision date: 04 Apr 2025



Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human PSMB2
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P49721 (UniProt , ExPASy)
Gene Symbol:	PSMB2
GeneID:	5690
NCBI Accession:	NP_002785.1
KEGG:	hsa:5690
String:	9606.ENSP00000362334
Molecular Weight:	Calculated MW: 22 kDa Observed MW: 23 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.