

PSMB8 antibody

Catalog No: #22848

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	PSMB8 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 48 and 244 of PSMB8
Target Name	PSMB8
Accession No.	Swiss-Prot:P28062Gene ID:5696
Uniprot	P28062
GeneID	5696;
Concentration	0.4mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

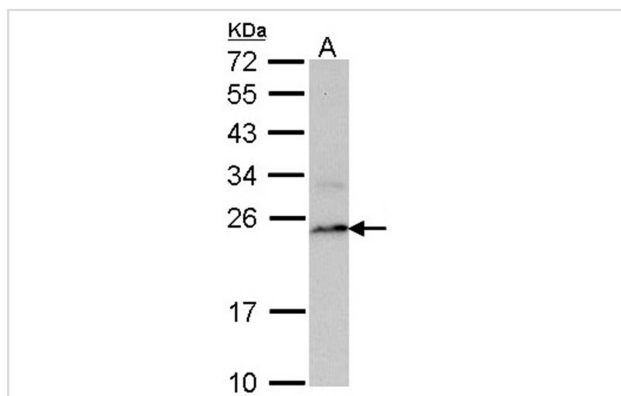
Predicted MW: 30kd

Western blotting: 1:500-1:3000

Immunohistochemistry: 1:100-1:500

Immunofluorescence: 1:100-1:200

Images

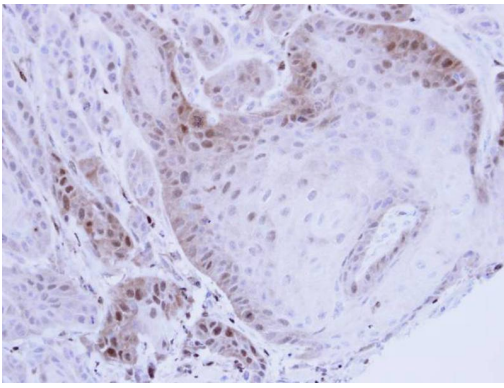


Sample (30 ug of whole cell lysate)

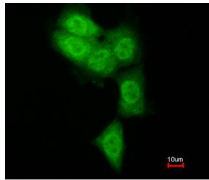
A: Raji

12% SDS PAGE

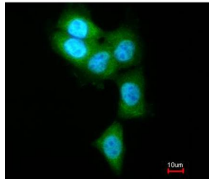
Primary antibody diluted at 1: 1000



Immunohistochemical analysis of paraffin-embedded Cal27 Xenograft, using PSMB8 antibody at 1: 100 dilution.



Merged with DNA probe



Immunofluorescence analysis of paraformaldehyde-fixed A431, using PSMB8 antibody at 1: 200 dilution.

Background

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. This gene is located in the class II region of the MHC (major histocompatibility complex). Expression of this gene is induced by gamma interferon and this gene product replaces catalytic subunit 3 (proteasome beta 5 subunit) in the immunoproteasome. Proteolytic processing is required to generate a mature subunit. Two alternative transcripts encoding two isoforms have been identified; both isoforms are processed to yield the same mature subunit. [provided by RefSeq]

Note: This product is for in vitro research use only