

Product datasheet for **TA366155S**

Proteasome subunit beta type 2 (PSMB2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: HeLa, LOVO, K562, HT29, Jurkat and 293T cell lysates IHC: 100-300 Positive control: Human esophagus cancer Predicted cell location: Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human PSMB2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	23 kDa
Gene Name:	proteasome subunit beta 2
Database Link:	Entrez Gene 5690 Human P49721



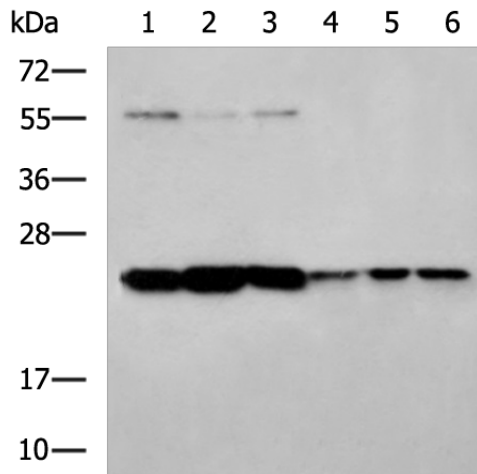
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Background:

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. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Synonyms:

HC7-I; MGC104215; MGC126885

Product images:


Gel: 12%SDS-PAGE

Lysate: 40 µg

Lane 1-6: HeLa

LOVO

K562

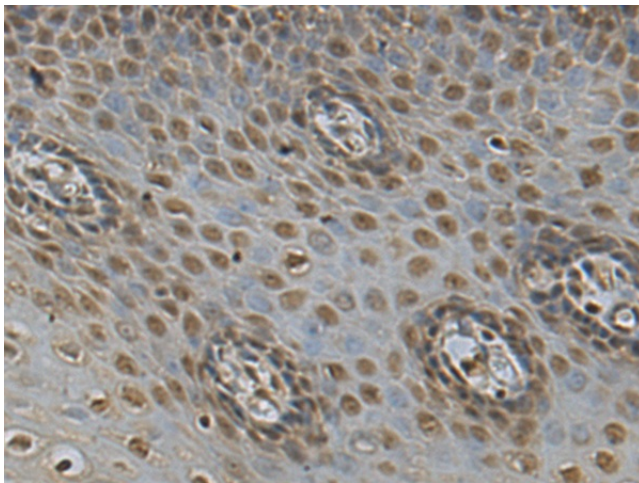
HT29

Jurkat and 293T cell lysates

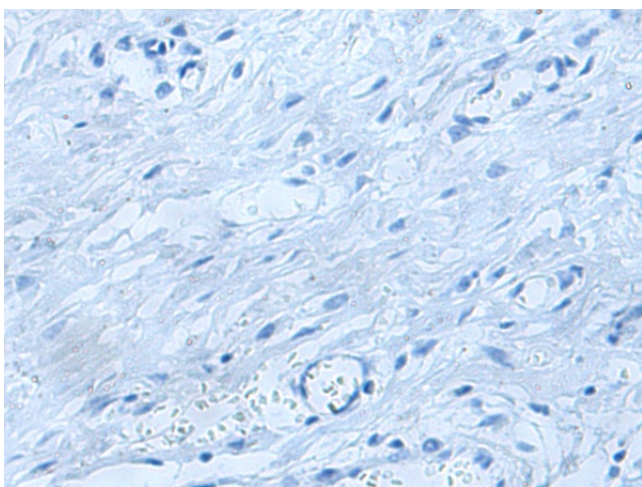
Primary antibody: [TA366155] (PSMB2 Antibody) at dilution 1/800

Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution

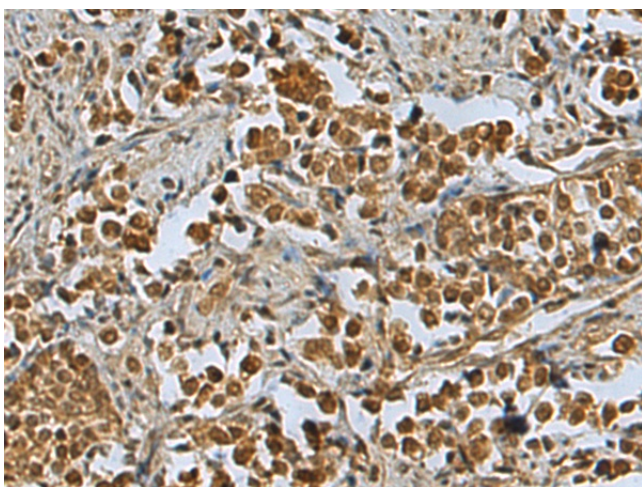
Exposure time: 20 seconds



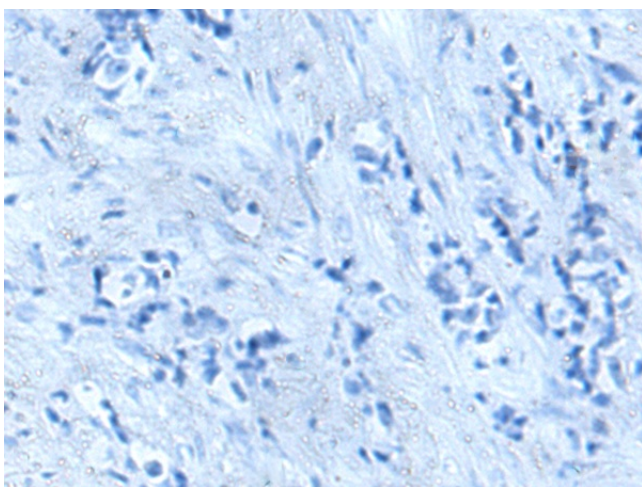
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA366155] (PSMB2 Antibody) at dilution 1/110 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA366155] (PSMB2 Antibody) at dilution 1/110, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using [TA366155] (PSMB2 Antibody) at dilution 1/110 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using [TA366155] (PSMB2 Antibody) at dilution 1/110, treated with fusion protein. (Original magnification: $\times 200$)