

Mouse anti-Human, Rat LMP7A Monoclonal Antibody | anti-LMP7A antibody

LMP7A Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320144	Mouse	Human, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

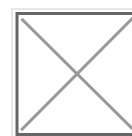
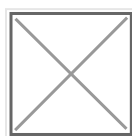
LMP7A; Monoclonal Antibody; LMP7A Monoclonal Antibody; Proteasome subunit beta type-8; PSMB8; LMP7; PSMB5i; RING10; Y2; Low molecular mass protein 7; Macropain subunit C13; Multicatalytic endopeptidase complex subunit C13; Proteasome component C13; Proteasome subunit beta-5i; Really interesting; anti-LMP7A antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Specificity	LMP7A Monoclonal Antibody detects endogenous levels of LMP7A protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-LMP7A antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human LMP7A expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

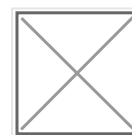
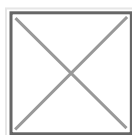
IMAGES

Application Data



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using LMP7A Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded intima cancer tissues with DAB staining using LMP7A Monoclonal Antibody.

WB (Western Blot)

Western Blot analysis using LMP7A Monoclonal Antibody against HeLa (1). MCF-7 (2). A431 (3). RAJI (4). MOTL4 (5) and PC-12 (6) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-LMP7A 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. 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 immu
Product Categories/Family for anti-LMP7A antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	334302881
NCBI GeneID	5696
UniProt Accession #	P28062; Q29824; Q5JNW6; Q5QNR8; Q96J48; B0UZC0
Molecular Weight	276
NCBI Official Full Name	Proteasome subunit beta type-8
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, beta type, 8
NCBI Official Symbol	PSMB8
NCBI Official Synonym Symbols	JMP; ALDD; LMP7; NKJO; D6S216; PSMB5i; RING10; D6S216E
NCBI Protein Information	proteasome subunit beta type-8; macropain subunit C13; proteasome subunit Y2; protease component C13; proteasome component C13; proteasome-related gene 7; proteasome subunit beta 5i; low molecular mass protein 7; low molecular weight protein 7; proteasome
UniProt Protein Name	Proteasome subunit beta type-8
UniProt Gene Name	PSMB8
UniProt Synonym Gene Names	LMP7; PSMB5i; RING10; Y2
UniProt Entry Name	PSB8_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.