

Mouse anti-Human STEAP1 Monoclonal Antibody | anti-STEAP1 antibody

STEAP1

CATALOG # AAA48301	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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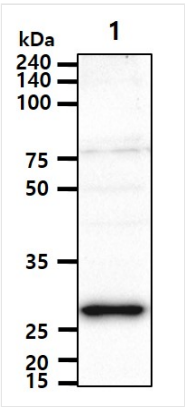
PRODUCT SYNONYMS

STEAP1; Monoclonal Antibody; six transmembrane epithelial antigen of the prostate 1; six transmembrane epithelial antigen of the prostate; PRSS24; anti-STEAP1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b kappa
Clone Number	J2D2
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	486
Applicable Applications for anti-STEAP1 antibody	WB (Western Blot), ELISA
Immunogen	Recombinant human STEAP1 (1-70aa) purified from E. coli
Conjugation	Unconjugated
Product Note	This product was produced from tissue culture supernatant.
Preparation and Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

IMAGES



WB (Western Blot)
The cell lysate(40ug) was resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human STEAP1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.;;Lane 1.: U87MG cell lysate;;

ADDITIONAL INFORMATION

Related Product Information for anti-STEAP1 antibody	Six-transmembrane epithelial antigen of the prostate (STEAP) is expressed predominantly in human prostatetissue and in other common malignancies including prostate, bladder, colon, and ovarian carcinomas, and in Ewing'ssarcoma, suggesting that it could function as an almost universal tumor antigen. Immunohistochemical analysisindicated STEAP-1 localization at cell-cell junctions of the secretory epithelium of prostate and prostatecancer cells. The favorable expression profiling of STEAP-1 in normal and cancer tissues suggested itspotential use as a target for immunotherapy.
Product Categories/Family for anti-STEAP1 antibody	Epigenetics and Nuclear Signaling
References	David A. Rodeberg, et al. (2005) Clin Cancer Res. June11(12): 4545-4552.;;Pia M. Challita-Eid, et al., (2007) Cancer research June 67(12): 5798-5805.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51094921
NCBI GeneID	26872
UniProt Accession #	Q9UHE8
NCBI Official Full Name	similar to Six transmembrane epithelial antigen of prostate
NCBI Official Synonym Full Names	STEAP family member 1
NCBI Official Symbol	STEAP1
NCBI Official Synonym Symbols	STEAP; PRSS24
NCBI Protein Information	metalloreductase STEAP1
UniProt Protein Name	Metalloreductase STEAP1
UniProt Gene Name	STEAP1
UniProt Synonym Gene Names	PRSS24; STEAP
UniProt Entry Name	STEA1_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.

