



STEAP1 Monoclonal Antibody

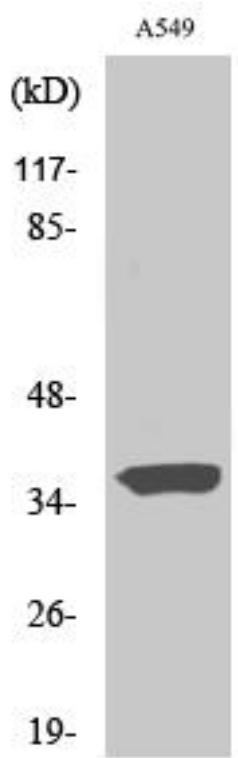
Catalog No	YP-mAb-04227
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	STEAP1
Protein Name	Metalloreductase STEAP1
Immunogen	The antiserum was produced against synthesized peptide derived from human STEAP1. AA range:31-80
Specificity	STEAP1 Monoclonal Antibody detects endogenous levels of STEAP1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	STEAP1; PRSS24; STEAP; Metalloreductase STEAP1; Six-transmembrane epithelial antigen of prostate 1
Observed Band	36kD
Cell Pathway	Endosome membrane ; Multi-pass membrane protein .
Tissue Specificity	Ubiquitously expressed. Highly expressed in prostate tumors.
Function	cofactor:FAD.,function:Metalloreductase that has the ability to reduce both Fe(3+) to Fe(2+) and Cu(2+) to Cu(1+). Uses NAD(+) as acceptor.,similarity:Belongs to the STEAP family.,similarity:Contains 1 ferric oxidoreductase domain.,tissue specificity:Ubiquitously expressed. Highly expressed in prostate tumors.,
Background	This gene is predominantly expressed in prostate tissue, and is found to be upregulated in multiple cancer cell lines. The gene product is predicted to be a six-transmembrane protein, and was shown to be a cell surface antigen significantly expressed at cell-cell junctions. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!



Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using STEAP1 Monoclonal Antibody