S100 recombinant antibody

S100 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA315440	**Rabbit**	**Human, Mouse**	**Flow Cytometry, Functional Assay, Immunoprecipitation, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

S100; Monoclonal Recombinant Antibody; S100 Rabbit mAb; Bpb; NEF; Protein S100-A1; S100 beta; S100 calcium binding protein A1; S100A; S100B; 100beta; S100 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Specificity	S100 Antibody detects endogenous levels of total S100
Purity/Purification	Affinity-chromatography
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for S100 recombinant antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human S100
Preparation and Storage	Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human kidney, using S100 Antibody.



WB (Western Blot)
Western blot analysis of S100 expression in (1) Human skeletal muscle lysate; (2) RAW 264.7 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for S100 recombinant antibody	Weakly binds calcium but binds zinc very tightly-distinct binding sites with different affinities exist for both ions on each monomer. Physiological concentrations of potassium ion antagonize the binding of both divalent cations, especially affecting high-affinity calcium-binding sites.
Product Categories/Family for S100 recombinant antibody	Recombinant Rabbit Monoclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	5454032
NCBI GeneID	6271

NCBI Accession #	NP_006262.1
NCBI GenBank Nucleotide #	NM_006271.1
UniProt Accession #	P23297; Q5T7Y3; B2R5D9
Molecular Weight	10,546 Da
NCBI Official Full Name	protein S100-A1
NCBI Official Synonym Full Names	S100 calcium binding protein A1
NCBI Official Symbol	S100A1
NCBI Official Synonym Symbols	S100; S100A; S100-alpha
NCBI Protein Information	protein S100-A1; S100 alpha; S-100 protein alpha chain; S-100 protein subunit alpha; S100 calcium-binding protein A1; S100 protein, alpha polypeptide
UniProt Protein Name	Protein S100-A1
UniProt Gene Name	**S100A1**
UniProt Synonym Gene Names	S100A
UniProt Entry Name	S10A1_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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/s100-recombinant-antibody-flow-cytometry-immunoprecipitation-immunohistochemistry-western-blot-elisa/315440