

Mouse anti-Human, Pig S100 Calcium Binding Protein B (S100B) Monoclonal Antibody | anti-S100B antibody

Monoclonal Antibody to S100 Calcium Binding Protein B (S100B)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151573	Mouse	Human, Pig	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

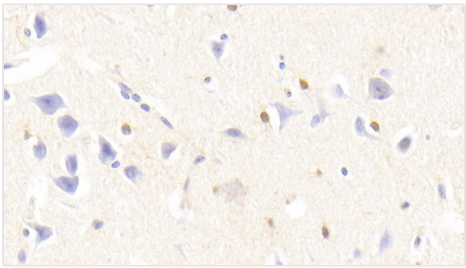
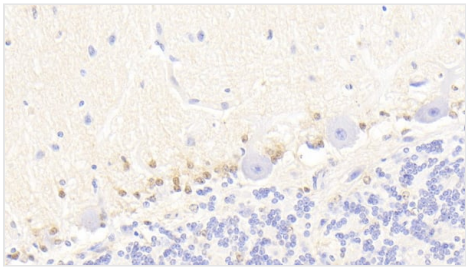
PRODUCT SYNONYMS

S100 Calcium Binding Protein B (S100B); Monoclonal Antibody; Monoclonal Antibody to S100 Calcium Binding Protein B (S100B); S100B/S100 Calcium Binding Protein B; S100B; NEF; S100Beta; S100 protein subunit beta; anti-S100B antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	J2
Specificity	The antibody is a mouse monoclonal antibody raised against S100B. It has been selected for its ability to recognize S100B in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-S100B antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Met1~Glu92
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHCP; Samples: Human Cerebellum Tissue; Primary Ab: 20ug/ml Mouse AntiHuman S100B Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

IHC (Immunohistochemistry)
DAB staining on IHCP; Samples: Human Cerebrum Tissue; Primary Ab: 20ug/ml Mouse AntiHuman S100B Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

ADDITIONAL INFORMATION

Product Categories/Family for anti-S100B antibody	Tumor immunity; Infection immunity; Neuro science; Primary
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12804681
NCBI GeneID	6285
UniProt Accession #	P04271; D3DSN6
Molecular Weight	10,713 Da
NCBI Official Full Name	S100 calcium binding protein B
NCBI Official Synonym Full Names	S100 calcium binding protein B
NCBI Official Symbol	S100B
NCBI Official Synonym Symbols	NEF; S100; S100-B; S100beta
NCBI Protein Information	protein S100-B; S-100 protein subunit beta; S-100 calcium-binding protein, beta chain; S100 calcium-binding protein, beta (neural)
UniProt Protein Name	Protein S100-B
UniProt Gene Name	S100B
UniProt Entry Name	S100B_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-calcium-binding-protein-b-s100b-antibody-clone-j2-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151573>