

Mouse SPR Monoclonal Antibody | anti-SPR antibody

SPR antibody

CATALOG # AAA107292	HOST Mouse	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry
-------------------------------	----------------------	---

PRODUCT SYNONYMS

SPR; Monoclonal Antibody; SPR antibody; Monoclonal SPR; Anti-SPR;; anti-SPR antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2C6
Purity/Purification	SPR antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	189
Applicable Applications for anti-SPR antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Biological Significance	This gene encodes an aldo-keto reductase that catalyzes the NADPH-dependent reduction of pteridine derivatives and is important in the biosynthesis of tetrahydrobiopterin (BH4). Mutations in this gene result in DOPA-responsive dystonia due to sepiapterin reductase deficiency. A pseudogene has been identified on chromosome 1.
Cross-Reactivity	Human, Monkey
Immunogen	SPR antibody was raised in Mouse using full length human recombinant protein of human SPR produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of SPR protein in paraffin embedded Carcinoma of Human lung tissue using SPR antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant SPR protein (Right) or empty vector (Left) detected with SPR antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant SPR protein (red) or empty vector (blue) stained using SPR antibody

ADDITIONAL INFORMATION

Related Product Information for anti-SPR antibody	Mouse monoclonal SPR antibody
Product Categories/Family for anti-SPR antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	499529352
UniProt Accession #	R4Y692
Molecular Weight	20,998 Da
NCBI Official Full Name	spr
UniProt Protein Name	Membrane protein
UniProt Gene Name	spr
UniProt Entry Name	R4Y692_KLEPN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/spr-antibody-clone-2c6-western-blot-flow-cytometry-immunohistochemistry-elisa/107292>