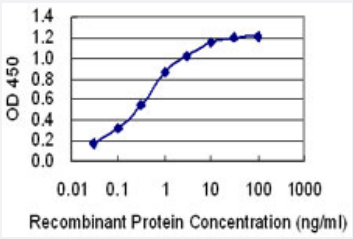
JSRP1 monoclonal antibody (M02), clone 6A9

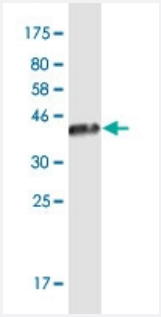
Catalog # H00126306-M02 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged JSRP1 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant JSRP1.
Immunogen	JSRP1 (NP_653217.1, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSMTTRAWEELDGGLGSCQALEDHSALAETQEDRASATPRLADSGSVPHDSQVAEGPSVDTRPKKMEKEPAARGTPGTGKERLKAGASPRSVPARKKAQT
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (48); Rat (41)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged JSRP1 is 0.03 ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — JSRP1

Entrez GeneID	126306
GeneBank Accession#	NM_144616
Protein Accession#	NP_653217.1
Gene Name	JSRP1
Gene Alias	FLJ32416, JP-45
Gene Description	junctional sarcoplasmic reticulum protein 1
Omim ID	608743
Gene Ontology	Hyperlink

Gene Summary	The sarcoplasmic reticulum (SR) is an intracellular membrane compartment that controls intracellular calcium concentration and therefore plays a role in excitation-contraction coupling. In mouse skeletal muscle, Jp45 interacts with key proteins involved in excitation-contraction coupling at the SR (Anderson et al., 2003 [PubMed 12871958]).[supplied by OMIM
Other Designations	2310032K21Rik|homolog of mouse skeletal muscle sarcoplasmic reticulum protein JP-45|skeletal muscle sarcoplasmic reticulum protein JP-45

Disease

- Graves Disease