

Catalog	Unit
TBS10404-0.5MG	0.5 mg
TBS10404-1MG	1 mg
TBS10404-5MG	5 mg

Description

Tribio in vivo Anti-Mouse SIRPA Antibody is a high-purity, in vivo–grade monoclonal antibody specifically designed for functional studies in murine models. Targeting mouse SIRPα (CD172a), this antibody enables precise modulation of the CD47–SIRPα immune checkpoint pathway, a critical regulator of macrophage-mediated phagocytosis. By blocking SIRPα signaling, it enhances innate immune responses and promotes the clearance of tumor cells, making it an ideal tool for cancer immunotherapy research. This antibody is optimized for reliable performance in preclinical studies, including oncology, immunology, and inflammation models.

Product Details

Applications:	ELISA, Neutralization
Species reactivity:	Mouse
Host:	Mouse
Isotype:	IgG2a, kappa
Target:	Tyrosine-protein phosphatase non-receptor type substrate 1, SHP substrate 1, SHPS-1, Brain Ig-like molecule with tyrosine-based activation motifs, Bit, CD172 antigen-like family member A, Inhibitory receptor SHPS-1, MyD-1 antigen, Signal-regulatory protein alpha-1, Sirp-alpha-1, mSIRP-alpha1, p84, CD172a, Sirpa, Bit, Myd1, Ptpns1, Shps1, Sirp.
Uniprot:	P97797
Concentration:	3 mg/ml
Purity:	>95%
Formulation:	Liquid
Storage buffer:	0.01M PBS, pH 7.4.
Purification:	Protein A/G purified from cell culture supernatant.
Clonality:	Monoclonal
Storage:	Store -20°C up to 12 months, and -80°C for long term. Avoid repeated freeze-thaw cycles.

Data Image

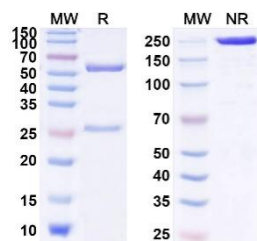


Fig. 1. SDS-PAGE for InVivoMab Anti-Mouse SIRPA Antibody.

MW: Molecular Weight (kDa) Marker; R: Reducing conditions; NR: Non-Reducing conditions.

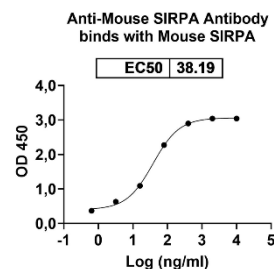


Fig. 2. Detects recombinant mouse CD172a/SIRPA in indirect ELISA.

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