

Anti-SIRPa/CD172a Antibody (Hospital for Sick Children patent anti-SIRPA)

Introduction

Anti-SIRPa / CD172a is an immunoglobulin G1 (IgG1) monoclonal antibody against human signal regulatory protein alpha (SIRPa; CD172a) with potential immune checkpoint inhibition, phagocytosis induction, and anti-tumor activities. Molecular weight: 147.06 kD.

Product parameters

Alternative Names	Hospital for Sick Children patent anti-SIRPA
Target Accession	P78324
Target	SIRPa / CD172a
CAS number	/
Molecular Weight	145 kDa
Host	CHO
Reactivity	Human
Conjugation	Unconjugated
Form	Liquid
Concentration	See label
Buffer System	100 mM Pro 20 mM Arg pH 5.0. No preservative!
Clonality	Monoclonal
Purification	Protein A
Isotype	IgG4
Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Biological activity	Immobilized human SIRPα V1 FC at 4 ug/mL can bind Hospital for Sick Children patent anti-SIRPA, EC50=0.007292 ug/mL.
Endotoxin	Less than 0.1 EU/ug determined by LAL method.
Sterilization	0.2 μM filtered
Reconstitution	For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.
Shipping	Dry ice
Storage	-80°C
Expiration Date	2 years
Note	Please avoid freeze-thaw cycles.

■ Note

1. This product is for scientific research use only.



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