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Datasheet for ABIN7543054

Recombinant anti-SIRPG antibody

Overview

Quantity:	200 µg
Target:	SIRPG
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This SIRPG antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunoprecipitation (IP), Blocking Reagent (BR)

Product Details

Purpose:	Anti-SIRP g [OX-119], Mouse IgG1, kappa
Immunogen:	OX-119 was prepared by immunizing BALB/c mice with a chimeric protein made up of human SIRPg and a leader peptide of rat CD4 domain (SIRPg-CD4).
Clone:	OX-119
Isotype:	IgG1 kappa
Specificity:	Hybridoma supernatants were initially screened by ELISA, using SIRPg-CD4, human SIRPa-Fc, human SIRPb-Fc or CD4 to eliminate hybridomas with cross-reactivity to rat CD4, human SIRPa, and SIRPb. There is some marginal binding of OX-119 to SIRPb transfected 293T cells. SIRPg binds CD47. On binding with CD47, mediates cell-cell adhesion. Engagement on T-cells by CD47 on antigen-presenting cells results in enhanced antigen-specific T-cell proliferation and costimulates T-cell activation. Expressed on CD4+ T-cells, CD8+ T-cells, CD56-bright natural

Product Details

killer (NK) cells, CD20+ cells, and all activated NK cells..

Characteristics: Original Species of Ab: Mouse
Original Format of Ab: IgG1

Purification: Protein A affinity purified

Target Details

Target: SIRPG

Alternative Name: SIRP g ([SIRPG Products](#))

Background: CD172g, OX119, MRC OX-119, MRC OX119, SIRP-g, SIRPg, SIRP gamma, SIRP-gamma, CD172 antigen-like family member B, signal-regulatory protein beta, CD172-g

UniProt: [Q9P1W8](#)

Application Details

Application Notes: OX-119 is able to perform staining of peripheral blood myeloid cells (PBMCs) and block SIRPg-mediated apoptosis. OX-119 can also be used in IP, FC and ELISA.

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % Proclin 300.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.