

Monoclonal Antibody to CD172g / SIRPG - FITC

Alternate names:	CD172 antigen-like family member B, SIRP gamma, SIRP-b2, SIRP-beta-2, SIRPB2, Signal-regulatory protein beta-2, Signal-regulatory protein gamma
Catalog No.:	AM05600FC-N
Quantity:	0.1 mg
Concentration:	0,1 mg/ml
Background:	SIRP gamma, also known as CD172g, is expressed on most T lymphocytes and a subset of B-cells but is absent on myeloid cells. CD172g has a truncated cytoplasmic tail, which is similar to SIRP beta, but unlike SIRP beta CD172g does not require DAP12 for expression at the cell surface. CD172g, like SIRP alpha, binds to CD47 inducing apoptosis. It is also involved in the negative regulation of receptor tyrosine kinase-coupled signalling.
Uniprot ID:	Q9P1W8
NCBI:	NP_001034597.1
GeneID:	55423
Host / Isotype:	Mouse / IgG1
Clone:	OX119
Immunogen:	Purified recombinant SIRPgamma.CD4.
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein G Buffer System: Phosphate buffered saline pH7.4 containing 0.09% Sodium Azide (NaN ₃) and 1% Bovine Serum Albumin Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow Cytometry: 1/10. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises SIRP gamma, a 55kD signal regulatory protein which is a member of the immunoglobulin gene superfamily. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
Caution:	(A full Health and Safety assessment is available upon request) This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

For research and in vitro use only. Not for diagnostic or therapeutic work.
Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

- General Readings:** 1. Brooke G, Holbrook JD, Brown MH, Barclay AN. Human lymphocytes interact directly with CD47 through a novel member of the signal regulatory protein (SIRP) family. J Immunol. 2004 Aug 15;173(4):2562-70. PubMed PMID: 15294972.

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