

## Product datasheet for **AM05600PU-N**

### SIRPG Mouse Monoclonal Antibody [Clone ID: OX119]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OX119
Applications:	FC, IP
Recommended Dilution:	Flow Cytometry: 1/50 - 1/200. Use 10ul of the suggested working dilution to label 1x10 <sup>6</sup> cells in 100ul. Immunoprecipitation.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant SIRPgamma.CD4.
Specificity:	This antibody recognises SIRP gamma, a 55kD signal regulatory protein which is a member of the immunoglobulin gene superfamily. Spleen cells from immunised BALB/c mice were fused with cells of the NS-1 myeloma cell line.
Formulation:	Phosphate buffered saline pH7.4 containing 0.09% Sodium Azide (NaN <sub>3</sub> ) State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G from tissue culture supernatant
Conjugation:	Unconjugated
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.
Stability:	Shelf life: one year from despatch.
Gene Name:	signal regulatory protein gamma
Database Link:	<a href="#">Entrez Gene 55423 Human</a> <a href="#">Q9P1W8</a>



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**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.

**Synonyms:**

SIRP-beta-2, SIRP-b2, SIRPB2, SIRP gamma