

## Product datasheet for **AM01053PU-S**

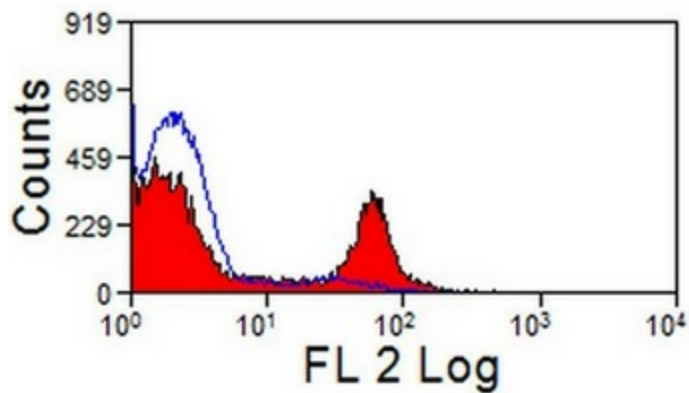
### SIRPA Mouse Monoclonal Antibody [Clone ID: CC149]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	CC149
Applications:	FC
Recommended Dilution:	<b>Flow cytometry:</b> 1/100 - 1/200; Use 10 µl of the suggested working dilution to label 10e6 cells in 100 µl.
Reactivity:	Bovine
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Specificity:	This antibody recognises bovine CD172a (SIRPA, MyD-1 antigen). Other species not tested.
Formulation:	PBS, containing 0.09% Sodium azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store 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.
Database Link:	<a href="#">Entrez Gene 327666 Bovine O46631</a>
Background:	CD172a is a 55 kDa single pass type 1 membrane protein belonging to the family of signal regulatory proteins (SIRP). CD172a has been identified as the receptor for CD47. Bovine CD172a is strongly expressed by splenic macrophages, monocytes and a subset of afferent lymph veiled cells (ALVC) and by dendritic cells in the skin.
Synonyms:	SHP substrate 1, SHPS-1, Sirp-alpha-2, Sirp-alpha-3, MyD-1 antigen, p84, BIT, MFR, MYD1, PTPNS1, SHPS1



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**Product images:**

Staining of bovine peripheral blood lymphocytes with mouse anti bovine CD172a antibody clone CC149 Cat.-No. AM01053PU-S followed by goat anti mouse IgG-FITC.