

Product datasheet for **AM05857FC-N**

CD14 Mouse Monoclonal Antibody [Clone ID: MIL-2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MIL-2
Applications:	FC
Recommended Dilution:	Flow Cytometry.
Reactivity:	Porcine
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Porcine peripheral blood lymphocytes
Specificity:	This antibody recognises CD14. Clone <i>MIL-2</i> is reported to block the binding of bacterial Lipopolysaccharide (LPS) to monocytes (2).
Formulation:	PBS Label: FITC State: Liquid purified IgG fraction Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide Label: Fluorescein Isothiocyanate Isomer 1
Purification:	Affinity Chromatography on Protein G
Conjugation:	FITC
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.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD14 molecule
Database Link:	Entrez Gene 929 Human P08571



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Background:	Recent studies suggest that two different epitopes of CD14 exist on pig cells and the distribution of these epitopes differ. One epitope is primarily expressed by monocytes and the second epitope is expressed by granulocytes, but is less accessible.
Synonyms:	CD14
Protein Families:	Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Transmembrane
Protein Pathways:	Hematopoietic cell lineage, MAPK signaling pathway, Pathogenic Escherichia coli infection, Regulation of actin cytoskeleton, Toll-like receptor signaling pathway