

## Product datasheet for **AM33177PU-N**

### MRP8/14 (S100A8/A9) Mouse Monoclonal Antibody [Clone ID: FP 66]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	FP 66
Applications:	ELISA
Recommended Dilution:	<b>ELISA.</b>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human MRP8 and MRP14 heterocomplex.
Specificity:	This antibody detects Subpopulation of Human Macrophages, Monocytes and Granulocytes. Peripheral blood monocytes carry the antigen extra and intracellularly. This antibody also detects Subpopulation of Macrophages of Rhesus Monkey.
Formulation:	PBS, pH 7.4 State: Purified State: Lyophilized purified IgG fraction from Cell Culture Supernatant Preservative: 0.09% Sodium Azide
Reconstitution Method:	Restore in aqua bidest to 1 mg/ml
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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- Background:** MRP8 and MRP14 are members of the S100 family of proteins containing 2 EF hand calcium binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21.
- Synonyms:** Calgranulin A/B, Calprotectin, L1 Protein, CFAG, P8, P14, CAGA, CAGB, CFAG, MRP-8, MRP-14