Product datasheet for AM31906PU-S

MRP8/14 (S100A8/A9) Mouse Monoclonal Antibody [Clone ID: FP 72]

Product data:

Product Type:	Primary Antibodies
Clone Name:	FP 72
Applications:	ELISA, IHC
Recommended Dilution:	**ELISA.** **Immunohistochemistry on Paraffin Sections** 1/1000.
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, Neutrophiles only interacellularly. 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
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