

## Monoclonal Antibody to MRP8/14 (S100A8/A9) - Purified

<b>Alternate names:</b>	CAGA, CAGB, CFAG, CFAG, Calgranulin A/B, Calprotectin, L1 Protein, MRP-14, MRP-8, P14, P8
<b>Catalog No.:</b>	AM33179PU-N
<b>Quantity:</b>	0.1 mg
<b>Background:</b>	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.
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Recommended Isotype Controls:</b>	SM10P (for use in human samples), AM03095PU-N
<b>Clone:</b>	FP 89
<b>Immunogen:</b>	Human MRP8 and MRP14 heterocomplex. <b>Gene name:</b> S100A8 and S100A9
<b>Format:</b>	<b>State:</b> Lyophilized purified IgG fraction from Cell Culture Supernatant <b>Purification:</b> Protein G Chromatography <b>Buffer System:</b> PBS, pH 7.4 <b>Preservatives:</b> 0.09% Sodium Azide <b>Reconstitution:</b> Restore in aqua bidest to 1 mg/ml
<b>Applications:</b>	<b>ELISA.</b> Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody detects Subpopulation of Human Macrophages, Monocytes and Granulocytes. Peripheral blood monocytes carry the antigen extra and intracellularly, neutrophils only intracellularly. This antibody also detects Subpopulation of Macrophages of Rhesus Monkey.
<b>Species Reactivity:</b>	<b>Tested:</b> Human.
<b>Storage:</b>	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. Shelf life: one year from despatch.