

AM33177PU-N**Monoclonal Antibody to MRP8/14 (S100A8/A9) - Purified**

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| Alternate names: | CAGA, CAGB, CFAG, CFAG, Calgranulin A/B, Calprotectin, L1 Protein, MRP-14, MRP-8, P14, P8 |
| Quantity: | 0.1 mg |
| 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. |
| Host / Isotype: | Mouse / IgG1 |
| Recommended Isotype Controls: | SM10P (for use in human samples), AM03095PU-N |
| Clone: | FP 66 |
| Immunogen: | Human MRP8 and MRP14 heterocomplex. Genename: S100A8 and S100A9 |
| Format: | State: Lyophilized purified IgG fraction from Cell Culture Supernatant Purification: Protein G Chromatography Buffer System: PBS, pH 7.4 Preservatives: 0.09% Sodium Azide Reconstitution: Restore in aqua bidest to 1 mg/ml |
| Applications: | ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| 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. |
| Species Reactivity: | Tested: Human. |
| 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. Shelf life: one year from despatch. |