

S100 A8+A9 Complex Mouse Monoclonal Antibody(11C12)

Catalog No: RA10321

Basic Information

Host species	Mouse
Applications	WB, IHC
Species Cross-Reactivity	H, R, M
Specificity	Antibody can detects endogenous S100A8+A9 Complex protein.
Recommended dilutions	WB: 1:500-1,000 IHC: 1:100-200 Optimal dilutions should be determined by the end user.

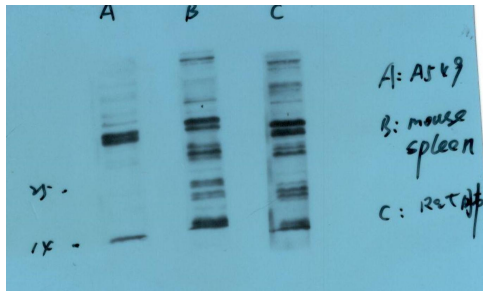
Applications

Formulation	Antigen Affinity Purified IgG in PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

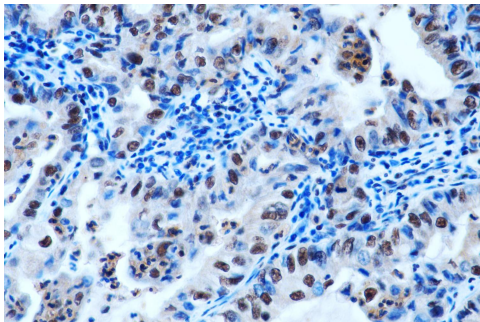
Background

Alternative Names	MRP14, Calprotectin, CFAG, CAGB, MRP8, CAGA, Calgranulin-A
Observed band	14
Human Gene ID	
Human Swiss-Prot Number	P05109/P06702
Background	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 calcium binding protein A8, A9 (S100A8, A9 Complex) Homo sapiens The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs.

Selected Validation Data



Western blot analysis of A) A549 Cell, B) Mouse Spleen Tissue, 3) Rat Lung Tissue Lysate using S100A8+A9 Complex Mouse mAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Lung Carcinoma Tissue using S100A8+A9 Complex Mouse mAb diluted at 1:200.