

Product Datasheet

S100A9 Antibody

Catalog No: CY6615

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC ICC



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Information

UniProt ID: P06702

All Names: S100A9; 60B8AG; Calgranulin B; CFAG; CAGB; Calgranulin-B; Calprotectin L1H subunit; CGLB; L1Ag; MRP14; NIF; p14; Protein S100-A9; LIAG; MAC387; MRP-14;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 14 kDa

Application

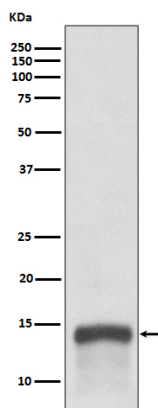
WB 1:500~1:2000

IHC 1:50~1:200

ICC 1:50~1:200

Background

S100A9 is a calcium- and zinc-binding protein which plays a prominent role in the regulation of inflammatory processes and immune response. It can induce neutrophil chemotaxis, adhesion, can increase the bactericidal activity of neutrophils by promoting phagocytosis via activation of SYK, PI3K/AKT, and ERK1/2 and can induce degranulation of neutrophils by a MAPK-dependent mechanism.



Western blot analysis of S100A9 expression in human tonsil lysate.

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