



<b>Swiss-Prot No.:</b>	P06702
<b>Storage/Stability:</b>	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Immunogen:</b>	A synthesized peptide derived from human S100A9
<b>Purification:</b>	Affinity Chromatography
<b>Reactivity:</b>	Human
<b>Other Names:</b>	S100A9; Calgranulin B; CFAG; CAGB; Calgranulin-B; CGLB; L1Ag; MRP14; NIF; Protein S100-A9; LIAG; MAC387; MRP-14;
<b>Background:</b>	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.
<b>Cellular localization:</b>	Cell membrane, Cytoplasm, Cytoskeleton, Membrane, Secreted
<b>Source:</b>	Rabbit
<b>Antibody type:</b>	Polyclonal antibody
<b>Isotype:</b>	Rabbit IgG

<b>Molecular Weight:</b>	14kDa
<b>Preservative:</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Recommended Dilutions:</b>	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200