

S100A9 Rabbit pAb

db7945

Package : 20µL 50µL 100µL

Product Name : S100A9 Rabbit pAb**Cat.No.:** db7945**Synonyms** : p14; Cagb; GAGB; L1Ag; BEE22; MRP14; 60B8Ag; AW546964**Application** : WB, IHC, ICC/IF, FC**Reactivity** : Mouse, Rat**Host species** : Rabbit**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. Predominantly found as calprotectin (S100A8/A9) which has a wide plethora of intra- and extracellular functions.

Immunogen

Recombinant protein of mouse S100A9

Gene ID

20202

Swiss Prot

P31725

Synonyms

p14; Cagb; GAGB; L1Ag; BEE22; MRP14; 60B8Ag; AW546964

Reactivity

Mouse, Rat

Application

WB, IHC, ICC/IF, FC

Recommended dilutionWB: 1:1000
IHC: 1:100
ICC/IF: 1:200
FC: 1:100**Calculated MW**

13 kDa

Observed MW

13 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.