

Recombinant

DGRmAb®

S100A9 (DGR19056) Rabbit mAb

db12938

Package : 10µL 20µL 50µL 100µL

Product Name : S100A9 (DGR19056) Rabbit mAb**Cat.No.:** db12938**Synonyms** : p14; Cagb; GAGB; L1Ag; BEE22; MRP14; 60B8Ag; AW546964**Application** : WB, IHC-P, 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-P, ICC/IF, FC

Recommended dilutionWB: 1:1000
IHC-P: 1:200-1:500
ICC/IF: 1:500-1:1000
FC: 1:200-1:500**Calculated MW**

13 kDa

Observed MW

13 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR19056

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.
	Western blot detection of S100A9 in mouse spleen,mouse lung cell lysates using S100A9 antibody(1:1000 diluted).