

Recombinant

DGRmAb®

S100A4 (DGR12310) Rabbit mAb (PBS Only)

db14618-PBS

Package : 10µg 100µg

Product Name : S100A4 (DGR12310) Rabbit mAb (PBS Only)**Cat.No.:** db14618-PBS**Synonyms** : 42A; 18A2; CAPL; FSP1; MTS1; P9KA; PEL98**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human**Host species** : Rabbit**Background**

The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. 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 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of this gene have been implicated in tumor metastasis. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human S100A4

Gene ID

6275

Swiss Prot

P26447

Synonyms

42A; 18A2; CAPL; FSP1; MTS1; P9KA; PEL98

Reactivity

Human

Application

WB, IHC-P, ICC/IF, FC, IP

Calculated MW

12 kDa

Observed MW

12 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR12310

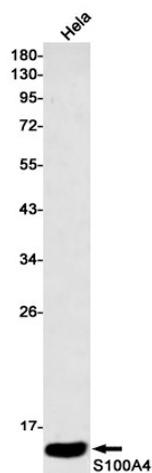
Isotype

IgG

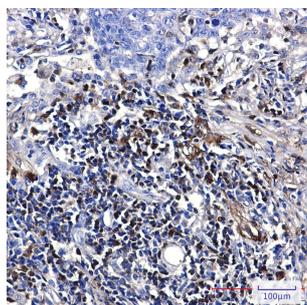
Purity

Affinity Purification

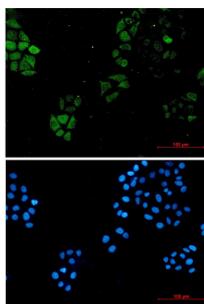
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of S100A4 in HeLa cell lysates using S100A4 antibody(1:500 diluted).



Immunohistochemical analysis of paraffin-embedded human lung cancer using [db14618](#) antibody.



Immunofluorescent analysis of HeLa cells using [db14618](#) antibody (green), and DAPI (blue).