







S100A4 (DGR12310) Rabbit mAb

db14618 Package : 10μL 20μL 50μL 100μL

Product Name: S100A4 (DGR12310) Rabbit mAb

Cat.No.: db14618

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

Recommended dilution WB: 1:1000-1:5000

IHC-P: 1:200-1:500 ICC/IF: 1:100-1:200 FC: 1:100-1:500

IP: 1:10-1:100

Calculated MW 12 kDa

Observed MW 12 kDa

Host species Rabbit





Clonality Monoclonal

Clonality No. DGR12310

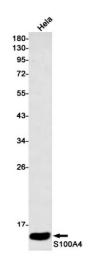
Isotype IgG

Purity Affinity Purification

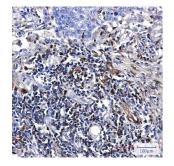
Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

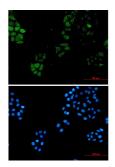
azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of 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).