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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

S100A4 monoclonal antibody, clone CL0240

Catalog Number: MAB15576

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against partial recombinant human S100A4.

Clone Name: CL0240

Immunogen: Recombinant protein corresponding to human S100A4.

Sequence:

MACPLEKALDVMVSTFHKYSGKEGDKFKLNKSELKEL
LTRELPSFLGKRTDEAAFQKLMSNLDNRDNEVDFQE
YCVFLSCIAMMCNEFFEGFPDKQPRKK

Host: Mouse

Epitope: This antibody binds to an epitope located within the peptide sequence CNEFFEGFPD as determined by overlapping synthetic peptides.

Reactivity: Human

Applications: IF, IHC-P, WB-Ti

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Protein A purification

Isotype: IgG1

Recommend Usage: Immunofluorescence (1-4 ug/mL)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:2500-1:5000)

Western Blot (1:500-1:1000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.2 (40% glycerol, 0.02%

sodium azide).

Storage Instruction: Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6275

Gene Symbol: S100A4

Gene Alias: 18A2, 42A, CAPL, FSP1, MTS1, P9KA, PEL98

Gene Summary: 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]

References:

1. COX/mPGES-1/PGE2 pathway depicts an inflammatory-dependent high-risk neuroblastoma subset. Larsson K, Kock A, Idborg H, Arsenian Henriksson M, Martinsson T, Johnsen JI, Korotkova M, Kogner P, Jakobsson PJ. Proc Natl Acad Sci U S A. 2015 Jun 30;112(26):8070-5. doi: 10.1073/pnas.1424355112. Epub 2015 Jun 15.