

Name: Purified S100A12 mouse monoclonal antibody, clone 1D1
Product Data Sheet

Catalog: TA502495

Gene Name: Homo sapiens S100 calcium binding protein A12 (S100A12)
 GeneBank accession: NM_005621
 Isotype: IgG1

Reactivity: Human
 Test application: WB
 Clone Name: clone 1D1

Gene Synonym: CAAF1; CAGC; CGRP; ENRAGE; MRP-6; MRP6; p6

Validation Data:

Western Blot

Guaranteed Applications: WB, IHC

Suggested Dilutions: WB 1:500, IHC 1:150,

Immunogen: Full length human recombinant protein of human S100A12 (NP_005612) produced in HEK293T cell.

Components:

- Purified S100A12 mouse monoclonal antibody, clone 1D1 (TA502495)
- 1 vial of 20ug myc-DDK tagged S100A12 HEK293T over-expression lysate lyophilized in RIPA buffer (LC401723) (Reconstitute into 20ul of 1x SDS sample buffer before loading)

Amount:

TA502495-100 100ul

Concentration: 0.5~1.0 mg/ml (Lot Dependent)

Storage Condition: Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

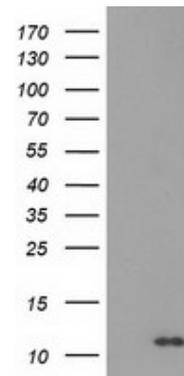
Buffer: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Purification:

Purified from mouse ascites fluids by affinity chromatography

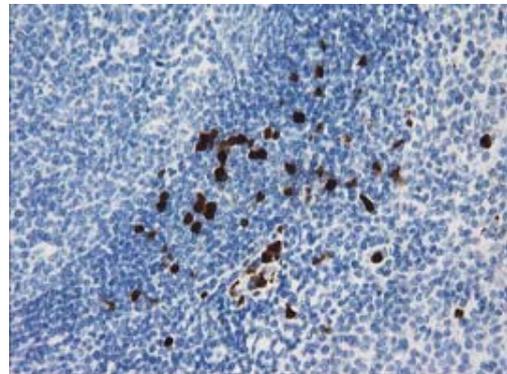
Background:

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 is proposed to be involved in specific calcium-dependent signal transduction pathways and its regulatory effect on cytoskeletal components may modulate various neutrophil activities. [provided by RefSeq].



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY S100A12 (RC210002, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-S100A12.

IHC data



Immunohistochemical staining of paraffin-embedded Human lymph node tissue using anti-S100A12 mouse monoclonal antibody. (TA502495)

Related Product:

TrueORF cDNA clones
 VERIFY Tagged Antigen lysates
 HuSH-29 shRNA
 Western Blot reagents
 Anti-myc/DDK tag antibodies

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.



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