
Product Name: S100B Mouse Monoclonal Antibody**Catalog #: AMM82371**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	10.7kDa

Antigen Information

Gene Name	S100B
Alternative Names	NEF; S100; S100-B; S100beta
Gene ID	6285.0
SwissProt ID	P04271
Immunogen	Purified recombinant fragment of human S100B (AA: 1-92) expressed in E. Coli.

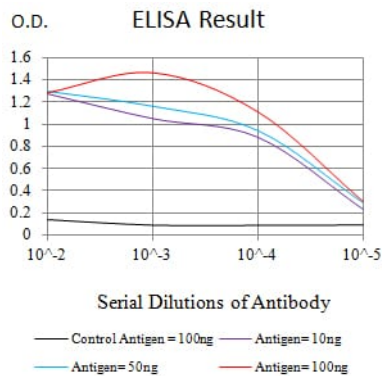
Background

This gene encodes a cytoplasmic protein with three cytoskeletal-associated protein-glycine-conserved (CAP-GLY) domains that functions as a deubiquitinating enzyme. Mutations in this gene have been associated with cylindromatosis, multiple familial trichoepithelioma, and Brooke-Spiegler syndrome. Alternate transcriptional splice variants, encoding different

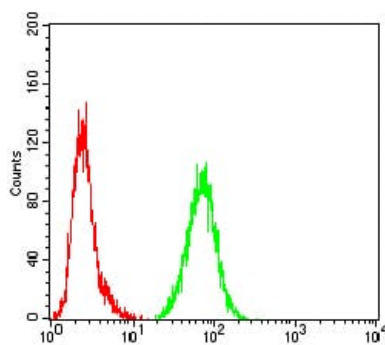
isoforms, have been characterized.

Research Area

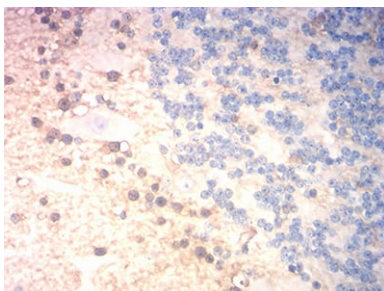
Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Flow cytometric analysis of Hela cells using S100B mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cerebellum tissues using S100B mouse mAb with DAB staining.