

Product Name: CALB2 Mouse Monoclonal Antibody**Catalog #: AMM81724**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	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	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	31.5kDa

Antigen Information

Gene Name	CALB2
Alternative Names	CR; CAL2; CAB29
Gene ID	794.0
SwissProt ID	P22676
Immunogen	Purified recombinant fragment of human CALB2 (AA: 172-271) expressed in E. Coli.

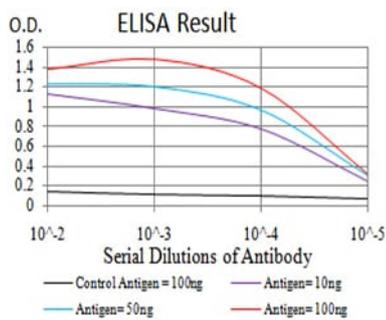
Background

This gene encodes an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. This protein plays a role in diverse cellular functions, including message targeting and intracellular calcium buffering. It also functions as a modulator of neuronal excitability, and is a diagnostic marker

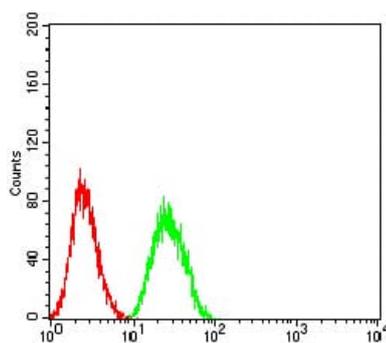
for some human diseases, including Hirschsprung disease and some cancers. Alternative splicing results in multiple transcript variants.

Research Area

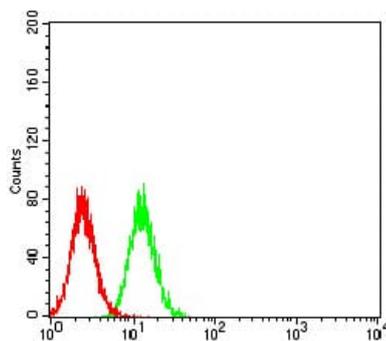
Image Data



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 CALB2 mouse mAb (green) and negative control (red).



Flow cytometric analysis of A549 cells using CALB2 mouse mAb (green) and negative control (red).