
Product Name: KD-Validated CAB39 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01205**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 39.9kDa

Antigen Information

Gene Name	CAB39
Alternative Names	CAB39; Calcium Binding Protein 39; MO25; CGI-66; Calcium-Binding Protein 39; MO25alpha; Protein Mo25
Gene ID	51719.0
SwissProt ID	Q9Y376
Immunogen	A synthesized peptide derived from human CAB39/MO25

Background

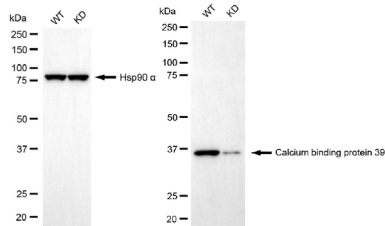
Enables kinase binding activity and protein serine/threonine kinase activator activity. Involved in intracellular signal transduction; peptidyl-serine phosphorylation; and positive regulation of protein phosphorylation. Located in cytoplasm. Part of serine/threonine protein kinase complex. Implicated in hepatocellular carcinoma. Biomarker of hepatocellular carcinoma

and pancreatic cancer. [provided by Alliance of Genome Resources, Apr 2025]

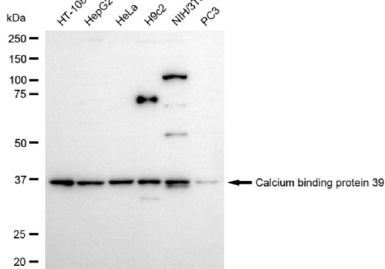
Research Area

Signal Transduction,Cancer,Metabolism

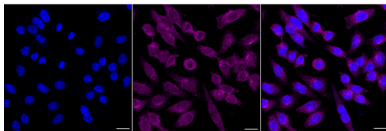
Image Data



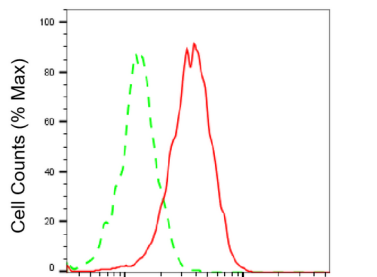
Western blotting analysis using calcium binding protein 39 antibody (KVA01205). Calcium binding protein 39 expression in wild-type (WT) and calcium binding protein 39 (CAB39) knockdown (KD) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with calcium binding protein 39 antibody (KVA01205, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using calcium binding protein 39 antibody (KVA01205). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with calcium binding protein 39 antibody (KVA01205, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with Calcium binding protein 39 antibody (KVA01205, 1:1,000). Nuclei were stained blue with DAPI; Calcium binding protein 39 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Calcium binding protein 39-Alexa Fluor® 647

Flow cytometric analysis of Calcium binding protein 39 expression in HepG2 cells using Calcium binding protein 39 antibody (KVA01205, 1:2,000). Green, isotype control; red, Calcium binding protein 39.