

KD-Validated Anti-CAB39 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

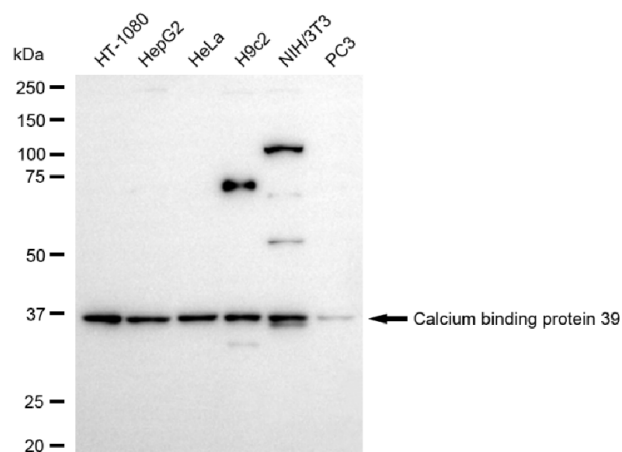
ABG1462

Product Overview

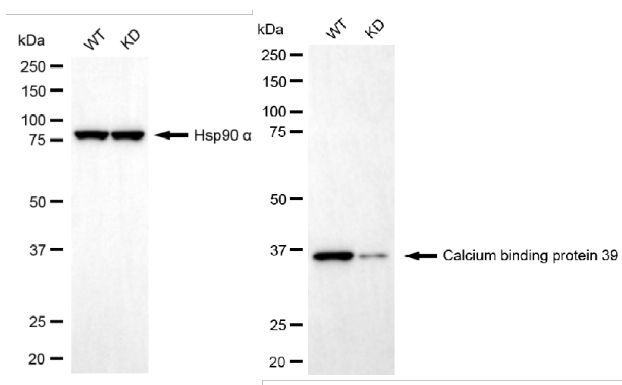
Name	KD-Validated Anti-CAB39 Rabbit Monoclonal Antibody
Accession(Primary)	Q9Y376
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human CAB39/MO25
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 40 kDa; observed, 37 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q9Y376)

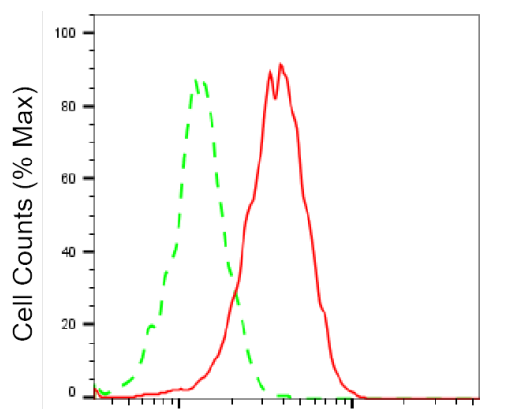
Gene Name	CAB39
About Gene Symbol	CAB39 (Calcium Binding Protein 39) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



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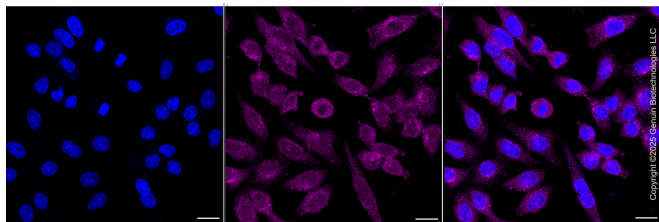
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Calcium binding protein 39-Alexa Fluor® 647

Western blotting analysis using anti-calcium binding protein 39 antibody (Cat#ABG1462). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-calcium binding protein 39 antibody (Cat#ABG1462, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

Western blotting analysis using anti-calcium binding protein 39 antibody (Cat#ABG1462). 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 anti-calcium binding protein 39 antibody (Cat#ABG1462, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

Flow cytometric analysis of Calcium binding protein 39 expression in HepG2 cells using anti-Calcium binding protein 39 antibody (Cat#ABG1462, 1:2,000). Green, isotype control; red, Calcium binding protein 39.



Immunocytochemical staining of HepG2 cells with anti-Calcium binding protein 39 antibody (Cat#ABG1462, 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 μ m.