

Product Name: KD-Validated B Cell Receptor Associated Protein 31 Recombinant Rabbit Monoclonal Antibody

Catalog #: KVA01551

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,M
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: 28.0kDa

Antigen Information

Gene Name	BCAP31
Alternative Names	BCAP31; B Cell Receptor Associated Protein 31; DXS1357E; BAP31; CDM; B-Cell Receptor-Associated Protein 31; 6C6-AG Tumor-Associated Antigen; 6C6-AG; BCR-Associated Protein Bap31; BCR-Associated Protein 31; MICRODELXq28; Protein CDM; P28 Bap31; DELXQ28; 6C6-Ag; Bap31; DDCH; P28
Gene ID	10134.0
SwissProt ID	P51572
Immunogen	A synthesized peptide derived from human DHFR

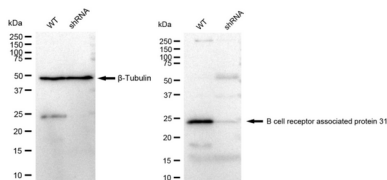
Background

This gene encodes a member of the B-cell receptor associated protein 31 superfamily. The encoded protein is a multi-pass transmembrane protein of the endoplasmic reticulum that is involved in the anterograde transport of membrane proteins from the endoplasmic reticulum to the Golgi and in caspase 8-mediated apoptosis. Microdeletions in this gene are associated with contiguous ABCD1/DXS1375E deletion syndrome (CADD5), a neonatal disorder. Alternative splicing of this gene results in multiple transcript variants. Two related pseudogenes have been identified on chromosome 16. [provided by RefSeq, Jan 2012]

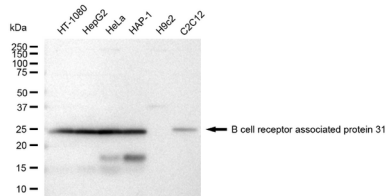
Research Area

Cell Biology

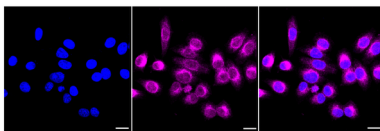
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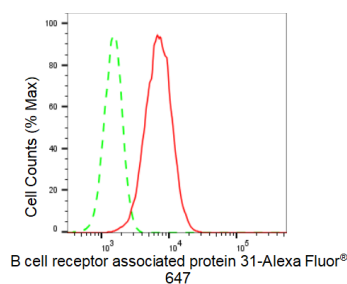
Western blotting analysis using B cell receptor associated protein 31 antibody (KVA01551). B cell receptor associated protein 31 expression in wild type (WT) and B cell receptor associated protein 31 shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with B cell receptor associated protein 31 antibody (KVA01551, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using B cell receptor associated protein 31 antibody (KVA01551). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with B cell receptor associated protein 31 antibody (KVA01551, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with B cell receptor associated protein 31 antibody (KVA01551, 1:1,000). Nuclei were stained blue with DAPI; B cell receptor associated protein 31 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.



Flow cytometric analysis of B cell receptor associated protein 31 expression in HepG2 cells using B cell receptor associated protein 31 antibody (KVA01551, 1:2,000). Green, isotype control; red, B cell receptor associated protein 31.