

Bcl9L Antibody

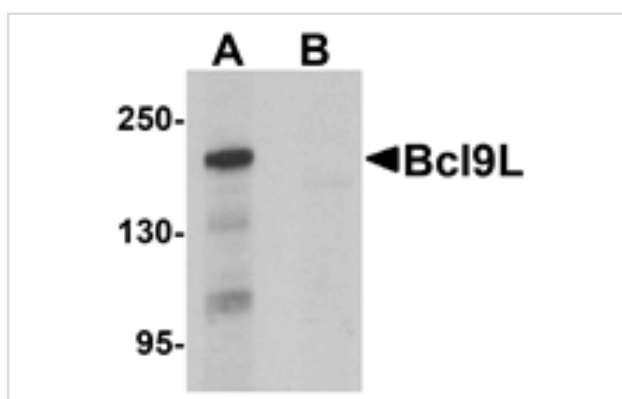
Catalog No: #25270

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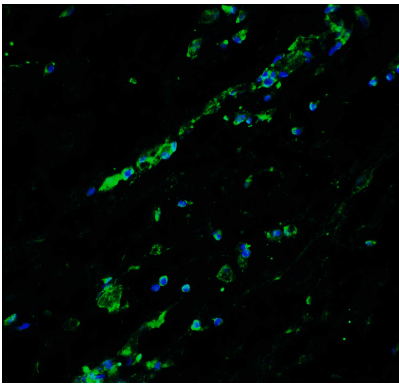
Description

Product Name	Bcl9L Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB
Species Reactivity	Hu Ms Rt
Specificity	Bcl9L antibody is predicted to not cross-react with other Bcl family members. At least four isoforms of Bcl9L are known to exist; this antibody will detect all four.
Immunogen Type	Peptide
Immunogen Description	Raised against a 20 amino acid peptide near the amino terminus of human Bcl9L.
Target Name	Bcl9L
Other Names	B-cell CLL, lymphoma 9-like protein, Bcl9-2, B9L, DLNB11
Accession No.	Swiss-Prot:Q86UU0Gene ID:283149
Uniprot	Q86UU0
GeneID	283149;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

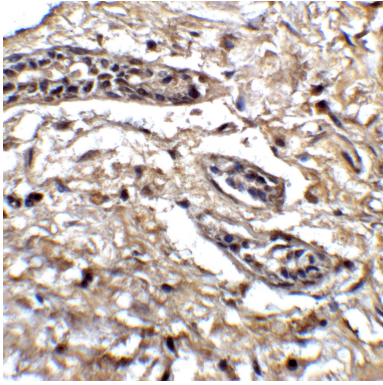
Images



Western blot analysis of Bcl9L in HeLa cell lysate with Bcl9L antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunofluorescence of Bcl9L in human breast tissue with Bcl9L antibody at 20 $\mu\text{g/ml}$.



Immunohistochemistry of Bcl9L in human breast tissue with Bcl9L antibody at 5 $\mu\text{g/ml}$.

Background

Bcl9L, a homolog of Bcl9, was initially identified through a bioinformatics screening. It is expressed in fetal brain, adult lung, eye and prostate, in addition to several types of tumors including pancreatic and prostate cancers. Bcl9L has been shown to interact with beta-catenin, a target of the Wnt signaling pathway, and is required for enhanced beta-catenin-T-cell factor (TCF)-mediated transcription in colorectal tumor cells, possibly by translocating beta-catenin to the nucleus. Other studies have indicated that Bcl9L expression correlates with high nuclear grade cancer phenotype and the expression of ErbB2/HER-2 in breast cancers, suggesting that activity may occur in other types of cancer. Bcl9L has also been shown to be critical for Wnt-mediate regulation of stem cell traits in colon epithelium and adenocarcinomas which are associated with tumor invasion, metastasis, and resistance to therapy.

Note: This product is for in vitro research use only