Bfl-1 Antibody

Catalog No: #24436

Orders: order@signalwayantibody.com
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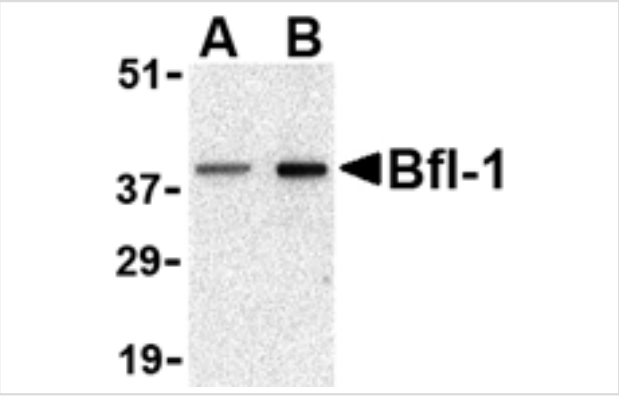
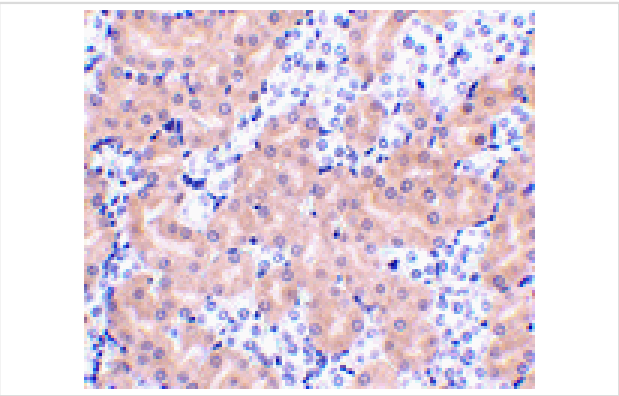
Description

Product Name	Bfl-1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide from near the amino terminus of human Bfl-1.
Target Name	Bfl-1
Other Names	Bcl-2-related protein A1, Hemopoietic-specific early response protein
Accession No.	Swiss-Prot:Q16548Gene ID:597
Uniprot	Q16548
GeneID	597;
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 Bfl-1 in mouse kidney tissue lysate with Bfl-1 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of Bfl-1 in mouse kidney tissue with Bfl-1 antibody at 2 ug/mL.

Background

Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells and is caused by caspase activation. Proteins that comprise the Bcl-2 family appear to control the activation of these enzymes. One such member is multi-domain antiapoptotic protein Bfl-1, which is overexpressed in stomach and other cancers. Bfl-1 can interact with Bax and suppress apoptosis by inhibiting the release of cytochrome c and caspase-3 activation. It is upregulated in cisplatin-resistant human bladder tumors, suggesting that its expression may be important for cisplatin resistance and inhibition of apoptosis in cancer cells. At least two isoforms of Bfl-1 are known to exist.

Note: This product is for in vitro research use only