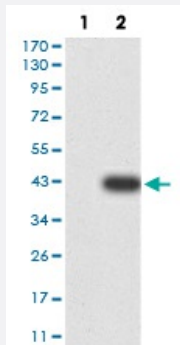


BNIP3 monoclonal antibody, clone 4E11F4

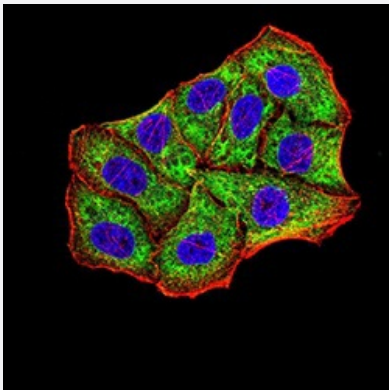
Catalog # MAB17241 Size 100 ug

Applications



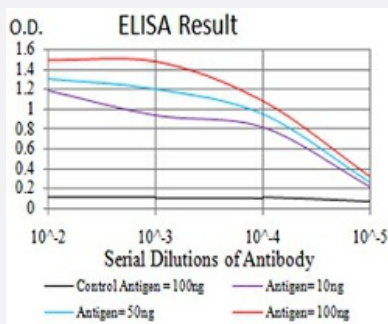
Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) BNIP3-hlgGfc transfected HEK293 cell lysate.



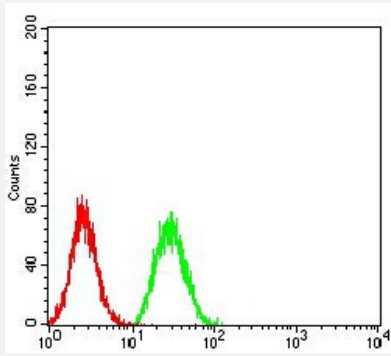
Immunocytochemistry

Immunocytochemical staining of HeLa cells with BNIP3 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments have been labeled with Alexa Fluor-555 phalloidin (red).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of BNIP3 monoclonal antibody, clone 4E11F4.



Flow Cytometry

Flow cytometric analysis of HeLa cells with BNIP3 monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human BNIP3.
Immunogen	Recombinant protein corresponding to amino acid 50-155 of human BNIP3 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	21.5kDa
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry Immunocytochemistry (1:200-1:1000) Flow Cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) BNIP3-hlgGfc transfected HEK293 cell lysate.

- Immunocytochemistry

Immunocytochemical staining of HeLa cells with BNIP3 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments have been labeled with Alexa Fluor- 555 phalloidin (red).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of BNIP3 monoclonal antibody, clone 4E11F4.

- Flow Cytometry

Flow cytometric analysis of HeLa cells with BNIP3 monoclonal antibody (green) and negative control (red).

Gene Info — BNIP3

Entrez GeneID [664](#)

Gene Name BNIP3

Gene Alias NIP3

Gene Description BCL2/adenovirus E1B 19kDa interacting protein 3

Omim ID [603293](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family. It interacts with the E1B 19 kDa protein which is responsible for the protection of virally-induced cell death, as well as E1B 19 kDa-like sequences of BCL2, also an apoptotic protector. This gene contains a BH3 domain and a transmembrane domain, which have been associated with pro-apoptotic function. The dimeric mitochondrial protein encoded by this gene is known to induce apoptosis, even in the presence of BCL2. [provided by RefSeq]

Other Designations BCL2/adenovirus E1B 19kD-interacting protein 3|OTTHUMP00000020752