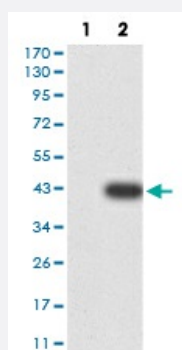


# BNIP3 monoclonal antibody, clone 6A5F7

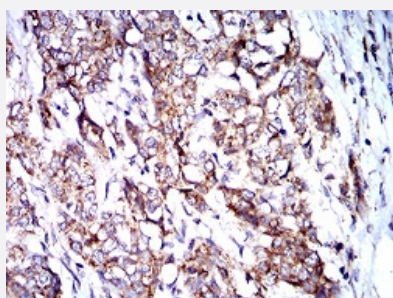
Catalog # MAB17240      Size 100 ug

## Applications



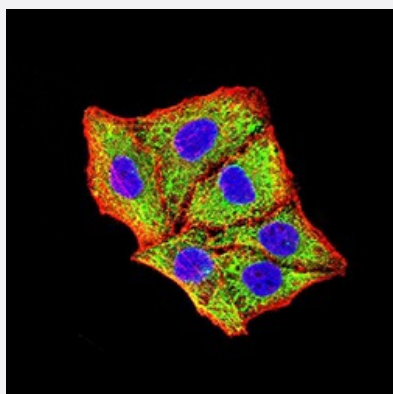
### Western Blot (Transfected lysate)

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



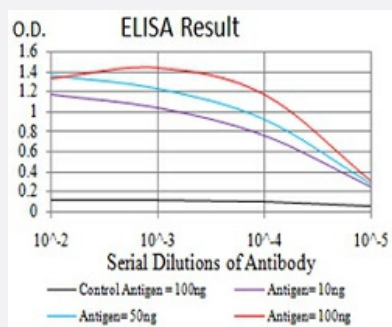
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded breast cancer tissues with BNIP3 monoclonal antibody.



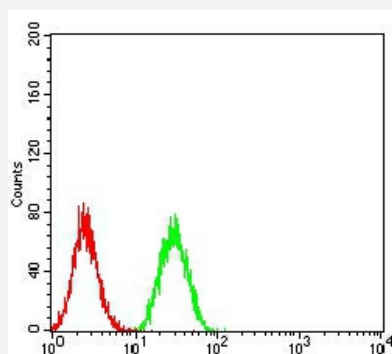
### Immunocytochemistry

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 6A5F7.



## 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	IgG2a
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry (1:200-1:1000) Immunocytochemistry (1:50-1:250) 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.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded breast cancer tissues with BNIP3 monoclonal antibody.

- 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 6A5F7.

- 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