

RecomAb™

BNIP3 recombinant monoclonal antibody, clone R09-1G8

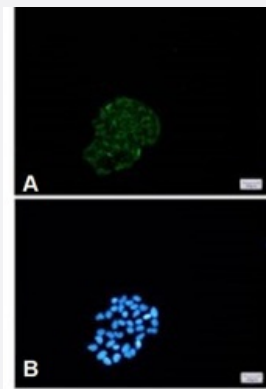
Catalog # RAB01661 Size 100 uL

Applications



Western Blot

Western blot analysis of BNIP3 in rat Brain lysates using human BNIP3 recombinant monoclonal antibody, clone R09-1G8 (Cat # RAB01661).



Immunocytochemistry

Immunocytochemical staining of HeLa with BNIP3 recombinant monoclonal antibody, clone R09-1G8 (Cat # RAB01661). (A) BNIP3 (green) and (B) DAPI (blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human BNIP3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human BNIP3
Theoretical MW (kDa)	Calculated MW: 22 kD
Reactivity	Human

Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1:50-1:200) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C for short term. 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

Western blot analysis of BNIP3 in rat Brain lysates using human BNIP3 recombinant monoclonal antibody, clone R09-1G8 (Cat # RAB01661).

- Immunocytochemistry

Immunocytochemical staining of Hela with BNIP3 recombinant monoclonal antibody, clone R09-1G8 (Cat # RAB01661). (A) BNIP3 (green) and (B) DAPI (blue).

Gene Info — BNIP3

Entrez GeneID	664
Protein Accession#	Q12983
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