

# BNIP3 Monoclonal Antibody (ANa40)

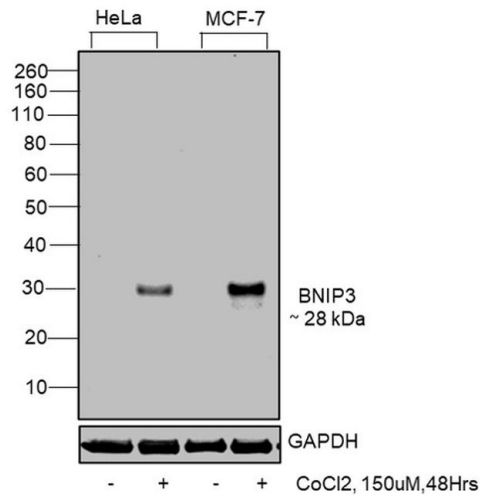
Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	ANa40
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to residues 1-163 of human BNIP3.
Form	Liquid
Concentration	2.4 mg/mL
Purification	Protein A
Storage buffer	0.01M PBS, pH 7.4
Contains	15mM sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2066655

Applications	Tested Dilution	Publications
Western Blot (WB)	2-4 µg/mL	-
Immunohistochemistry (IHC)	Assay-dependent	1 Publication
Immunocytochemistry (ICC/IF)	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	-
Immunoprecipitation (IP)	Assay-dependent	-

## Product Specific Information

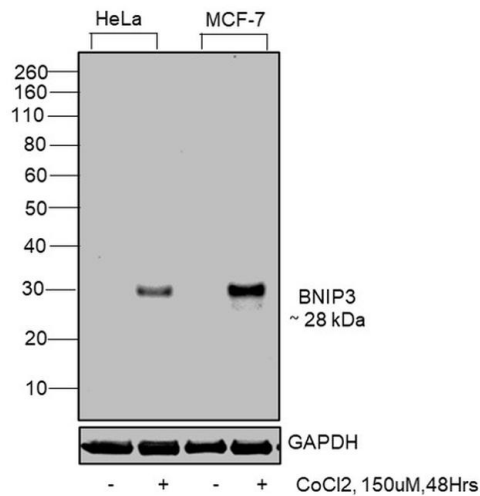
Positive Control: 293T cells transfected with BNIP3.

Product Images For BNIP3 Monoclonal Antibody (ANa40)



BNIP3 Antibody (MA1-24688)

Altered expression of proteins upon cell treatment demonstrates antibody specificity. Western blot using BNIP3 Monoclonal Antibody (ANa40)(Product #MA1-24688), shows Induced expression of BNIP3 upon treatment with cobalt chloride in HeLa and MCF-7 cells. {TM}



BNIP3 Antibody (MA1-24688) in WB

Western blot was performed using Anti-BNIP3 Monoclonal Antibody (ANa40) (Product # MA1-24688) and a 28kDa band corresponding to BNIP3 was observed across cell lines tested. Membrane enriched extracts (30ug µg lysate) of HeLa (Lane 1), HeLa treated with Cobalt Chloride, 150uM,48Hrs (Lane 2), MCF7 (Lane 3), MCF7 treated with Cobalt Chloride,150uM,48Hrs (Lane 4) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # LC2002) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 Dilution) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177,1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).Induced expression of BNIP3 was observed upon treatment with cobalt chloride in Hela and MCF-7 cells.

1 Reference

Immunohistochemistry (1)

Human pathology	Year
Molecular and immunohistochemical characterization of B-cell lymphoma-2-negative follicular lymphomas.	2012
"MA1-24688 was used in immunohistochemistry to study B-cell lymphoma-negative follicular lymphomas at the molecular and immunohistochemical levels"	Species
Authors: Hoeller S,Bihl MP,Zihler D,Cogliatti S,Ponzoni M,Zettl A,Went P,Foerster A,Hirschmann P,Tzankov A, Dirnhofer S	Human
	Dilution
	1:200

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