

Product Datasheet

Noxa Antibody (114C307.1) [Biotin] NBP2-24790

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NBP2-24790

Noxa Antibody (114C307.1) [Biotin]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	114C307.1
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Biotin
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	14.96 kDa
Product Description	
Host	Mouse
Gene ID	5366
Gene Symbol	PMAIP1
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity with rat is reported in scientific literature (Seda et al Hepatol Res. 2010, 40: 701-710).
Specificity/Sensitivity	An ~80 kDa background band may also be seen in Jurkat cell lysate.
Immunogen	This Noxa antibody was developed by immunizing mice with a fusion protein containing human Noxa.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot, ELISA 1:100 - 1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Publications

Amschler K, SchOn MP, Pletz N et al. NF-kappaB inhibition through proteasome inhibition or IKKbeta blockade increases the susceptibility of melanoma cells to cytostatic treatment through distinct pathways J Invest Dermatol 2009-11-27 [PMID: 19940859]

Details:

Citation using the Non-Recombinant Monoclonal and Biotin format of this antibody.

van Gent R, Kater AP, Otto SA et al. In vivo dynamics of stable chronic lymphocytic leukemia inversely correlate with somatic hypermutation levels and suggest no major leukemic turnover in bone marrow Cancer Res 2008-12-17 [PMID: 19074880] (WB, Human)

Details:

Citation using the Non-Recombinant Monoclonal and Biotin format of this antibody.



Yoshida A, Takemura H, Inoue H et al. Inhibition of glutathione synthesis overcomes Bcl-2-mediated topoisomerase inhibitor resistance and induces nonapoptotic cell death via mitochondrial-independent pathway *Cancer Res* 2006-06-03 [PMID: 16740716] (WB)

Details:

Citation using the Non-Recombinant Monoclonal and Biotin format of this antibody.

Jiang CC, Lucas K, Avery-Kiejda KA et al. Up-regulation of Mcl-1 is critical for survival of human melanoma cells upon endoplasmic reticulum stress *Cancer Res* 2008-08-15 [PMID: 18701495] (WB, Human)

Details:

Citation using the Non-Recombinant Monoclonal and Biotin format of this antibody.

Chen WY, Wang DH, Yen RC et al. Tumor suppressor HIC1 directly regulates SIRT1 to modulate p53-dependent DNA-damage responses *Cell* 2005-11-05 [PMID: 16269335] (WB)

Details:

Citation using the Non-Recombinant Monoclonal and Biotin format of this antibody.

Tromp JM, Geest CR, Breij EC et al. Tipping the Noxa/Mcl-1 balance overcomes ABT-737 resistance in chronic lymphocytic leukemia *Clin Cancer Res* 2011-12-01 [PMID: 22128299]

Details:

Citation using the Non-Recombinant Monoclonal and Biotin format of this antibody.

High LM, Szymanska B, Wilczynska-Kalak U et al. The Bcl-2 homology domain 3 mimetic ABT-737 targets the apoptotic machinery in acute lymphoblastic leukemia resulting in synergistic in vitro and in vivo interactions with established drugs *Mol Pharmacol* 2009-12-30 [PMID: 20038611]

Details:

Citation using the Non-Recombinant Monoclonal and Biotin format of this antibody.

Stankiewicz AR, Livingstone AM, Mohseni N, Mosser DD. Regulation of heat-induced apoptosis by Mcl-1 degradation and its inhibition by Hsp70 *Cell Death Differ* 2009-01-17 [PMID: 19148187]

Details:

Citation using the Non-Recombinant Monoclonal and Biotin format of this antibody.

Lopez H, Zhang L, George NM et al. Perturbation of the Bcl-2 network and an induced Noxa/Bcl-xL interaction trigger mitochondrial dysfunction after DNA damage *J Biol Chem* 2010-03-13 [PMID: 20223826]

Details:

Citation using the Non-Recombinant Monoclonal and Biotin format of this antibody.

Mihara M, Erster S, Zaika A et al. p53 has a direct apoptogenic role at the mitochondria *Mol Cell* 2003-04-02 [PMID: 12667443] (WB)

Details:

Citation using the Non-Recombinant Monoclonal and Biotin format of this antibody.

Lee W, Belkhiri A, Lockhart AC et al. Overexpression of OATP1B3 confers apoptotic resistance in colon cancer *Cancer Res* 2008-12-17 [PMID: 19074900] (WB, Human)

Details:

Citation using the Non-Recombinant Monoclonal and Biotin format of this antibody.

Sosa Seda IM, Mott JL, Akazawa Y et al. Noxa mediates hepatic stellate cell apoptosis by proteasome inhibition *Hepatology* 2010-06-19 [PMID: 20557369]

Details:

Citation using the Non-Recombinant Monoclonal and Biotin format of this antibody.



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NB600-1159C	Noxa Antibody (114C307.1) [DyLight 650]
210-TA-005	TNF-alpha [Unconjugated]

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