

Product Datasheet

PIDD Antibody (Anto-1) - BSA Free NBP1-97595

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 4

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NBP1-97595**PIDD Antibody (Anto-1) - BSA Free**

Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	Anto-1
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS

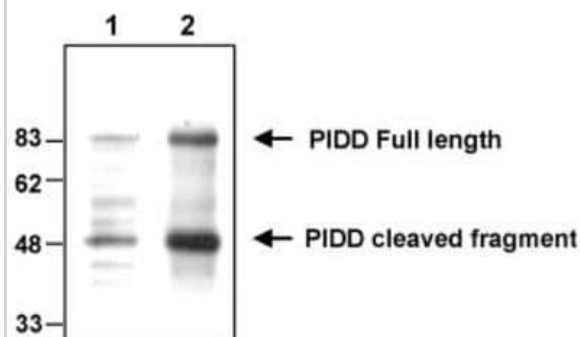
Product Description	
Description	Novus Biologicals Mouse PIDD Antibody (Anto-1) - BSA Free (NBP1-97595) is a monoclonal antibody validated for use in IHC and WB. Anti-PIDD Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	55367
Gene Symbol	PIDD1
Species	Human, Mouse
Immunogen	Recombinant human PIDD death domain (aa 776-910).

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Detects bands of ~90kDa (full length protein) and ~50kDa (cleaved protein) by Western blot.

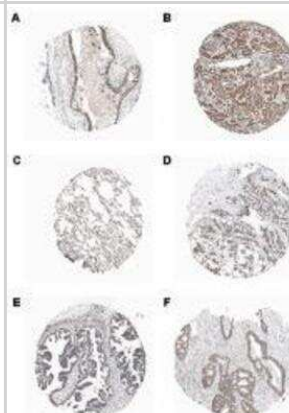


Images

Western Blot: LRDD Antibody (Anto-1) [NBP1-97595] - Analysis of endogenous and overexpressed human PIDD using MAb to PIDD (Anto-1). Method: Cell extracts (1×10^5) from HEK 293T wild type (lane 1) or transfected with a plasmid coding for human PIDD (lane 2) were resolved by SDS-PAGE under reducing conditions, transferred to nitrocellulose and incubated with the MAb to PIDD (Anto-1) at a 1:500 dilution for 2 hours. Proteins were visualized using a peroxidase-conjugated polyclonal antibody to mouse IgG and a chemiluminescence detection system. Note that two major forms of PIDD are detected, representing full length and cleaved proteins, migrating at approximately 90kDa and 50kDa, respectively.



Immunohistochemistry-Paraffin: LRDD Antibody (Anto-1) [NBP1-97595] - Staining of endogenous human PIDD in different human tissues (paraffin sections) using MAb to PIDD (Anto-1). Method: Different human normal (A: Bronchus; B: Kidney; C: Lung) or cancer (D: Breast; E: Ovarian; F: Colo-rectal) tissues were stained with MAb to PIDD (Anto-1) by standard immunohistochemistry.



Publications

Zhao Q, Hu J, Kong L et al. FGL2-targeting T cells exhibit antitumor effects on glioblastoma and recruit tumor-specific brain-resident memory T cells *Nature communications* 2023-02-10 [PMID: 36759517] (WB, Mouse)

Liu PH, Shah RB, Li Y et al. An IRAK1-PIN1 signalling axis drives intrinsic tumour resistance to radiation therapy *Nat. Cell Biol.* 2019-02-01 [PMID: 30664786] (WB, Human)

Kung CP, Khaku S, Jennis M et al. Identification of TRIML2, a Novel p53 Target, that Enhances p53-SUMOylation and Regulates the Transactivation of Pro-apoptotic Genes. *Mol. Cancer Res.* 2014-09-25 [PMID: 25256710] (WB, Human)

Details:
LRDD/PIDD antibody (Anto-1) used for WB on lysates of U2OS cells containing doxycycline-inducible vector alone or doxycycline-inducible TRIML2 following treatment with 0.75 μ g/mL doxycycline and 100 μ M etoposide for 24 hours (Figure 4D).

A Tinel et al. Autoproteolysis of PIDD marks the bifurcation between pro-death caspase-2 and pro-survival NF-kappaB pathway. *EMBO J.* 26, 197. 2007-01-01 [PMID: 17159900]



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Products Related to NBP1-97595

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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