

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

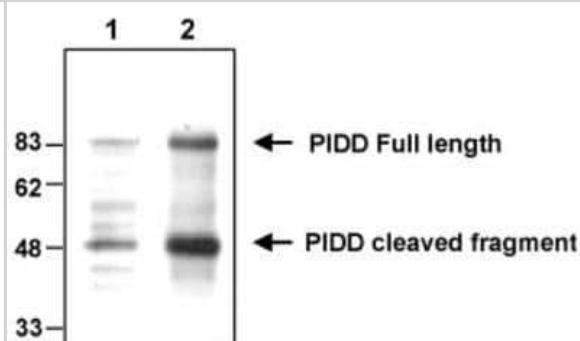
PIDD Antibody (Anto-1) - BSA Free

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.

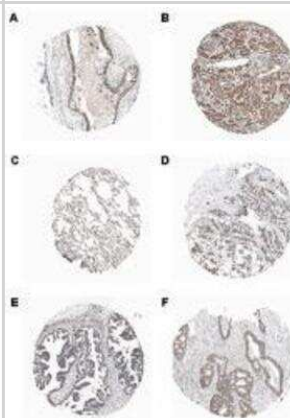


Images

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

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP3-21311PEP	PIDD Recombinant Protein Antigen

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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