

Product Datasheet

TRAILR1/TNFRSF10A Antibody - BSA Free NBP2-25092

Unit Size: 0.1 mg

Store at 4C.

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NBP2-25092

TRAILR1/TNFRSF10A Antibody - BSA Free

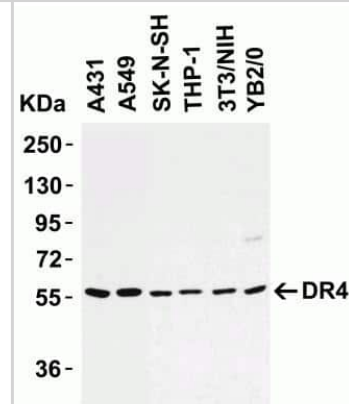
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	50 kDa

Product Description	
Host	Rabbit
Gene ID	8797
Gene Symbol	TNFRSF10A
Species	Human, Mouse, Rat
Specificity/Sensitivity	Human TRAILR1/TNFRSF10A has only 1 isoform (468aa, 50kD). TRAILR1/TNFRSF10A antibody has no cross reaction to TRAILR2/TNFRSF10B.
Immunogen	Antibody was raised against a peptide corresponding to 19 amino acids near the carboxy terminus of human DR4 protein. The immunogen is located within the last 50 amino acids of DR4. Amino Acid Sequence: DSGKFIYLEDGTGSAVSLE

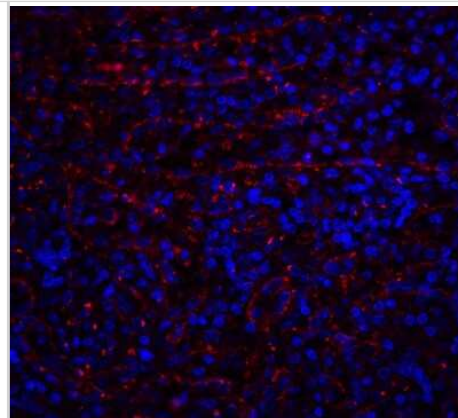
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/mL, ELISA 1:100-1:2000, Immunohistochemistry 10 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/mL, Immunohistochemistry-Paraffin 10 ug/mL

Images

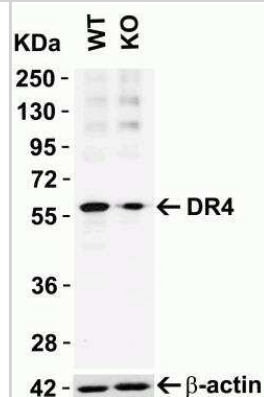
Western Blot: TRAILR1/TNFRSF10A Antibody [NBP2-25092] - Western Blot Validation in Cell Lines. Loading: 15 ug of cell lysates per lane. Antibodies: DR4 NBP2-25092 (1 ug/mL), 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



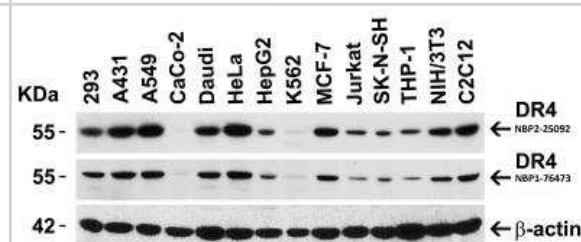
Immunohistochemistry: TRAILR1/TNFRSF10A Antibody [NBP2-25092] - Immunofluorescence Validation of DR4. Immunofluorescent analysis of 4% paraformaldehyde-fixed human spleen tissue labeling DR4 with NBP2-25092 at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody (red) and DAPI staining (blue). Image showing membrane staining on human spleen cells.



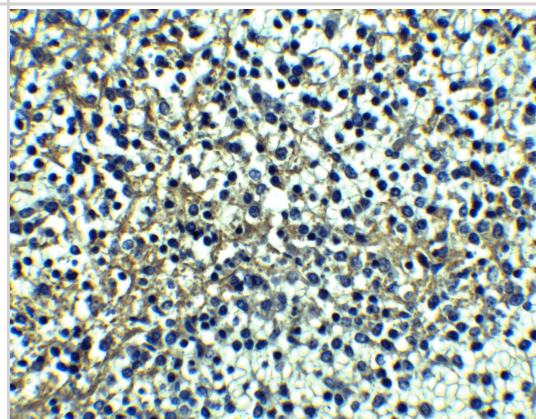
Western Blot: TRAILR1/TNFRSF10A Antibody [NBP2-25092] - KO Validation in HeLa Cells. Loading: 10 ug of HeLa WT cell lysates or TRAILR1/TNFRSF10A KO cell lysates. Antibodies: TRAILR1/TNFRSF10A [NBP2-25092] (1 ug/ml) and beta-actin [NBP1-76692] (1 ug/ml), 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



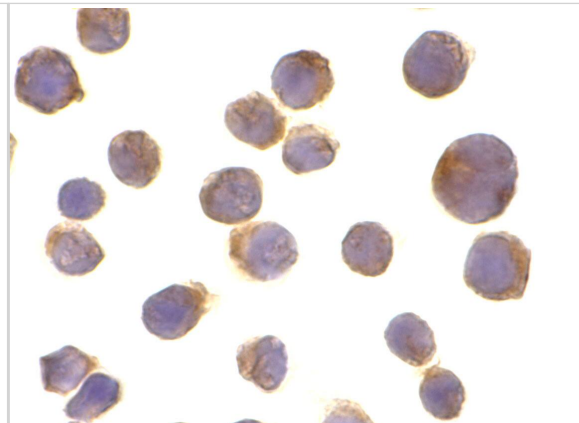
Western Blot: TRAILR1/TNFRSF10A Antibody [NBP2-25092] - Independent Antibody Validation (IAV) via Protein Expression Profile in Cell Lines Loading: 15 ug of lysates per lane. Antibodies: DR4 NBP2-25092 (1 ug/mL), DR4 NBP1-76473 (4 ug/mL), and beta-actin (1 ug/mL), 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate.



Immunohistochemistry: TRAILR1/TNFRSF10A Antibody - BSA Free [NBP2-25092] - Validation of TRAILR1/TNFRSF10A Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-TRAILR1/TNFRSF10A antibody at 10 u/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4°C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



Immunocytochemistry/ Immunofluorescence: TRAILR1/TNFRSF10A Antibody - BSA Free [NBP2-25092] - Validation of TRAILR1/TNFRSF10A in HeLa Cells. Immunocytochemical analysis of HeLa cells using anti-TRAILR1/TNFRSF10A antibody at 10 ug/ml. Cells was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin



Publications

Fan QL, Zou WY, Song LH et al. Synergistic antitumor activity of TRAIL combined with chemotherapeutic agents in A549 cell lines in vitro and in vivo. *Cancer Chemother Pharmacol.* 2005-02-01 [PMID: 15290100]



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Products Related to NBP2-25092

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-56818PEP	TRAILR1/TNFRSF10A 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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