

Product Datasheet

B7-H2/ICOSLG Antibody (OT12C5) NBP2-46011

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 2

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NBP2-46011**B7-H2/ICOSLG Antibody (OTI2C5)**

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2C5
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	33.2 kDa

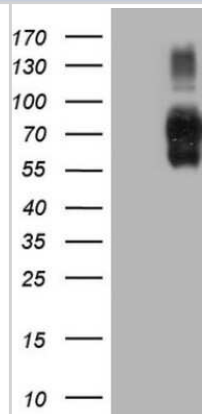
Product Description	
Description	Novus Biologicals Mouse B7-H2/ICOSLG Antibody (OTI2C5) (NBP2-46011) is a monoclonal antibody validated for use in IHC and WB. Anti-B7-H2/ICOSLG Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	23308
Gene Symbol	ICOSLG
Species	Human, Mouse
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:34131111). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human ICOSLG (NP_056074) produced in HEK293T cell.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150



Images

Western Blot: B7-H2/ICOSLG Antibody (2C5) [NBP2-46011] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ICOSLG.



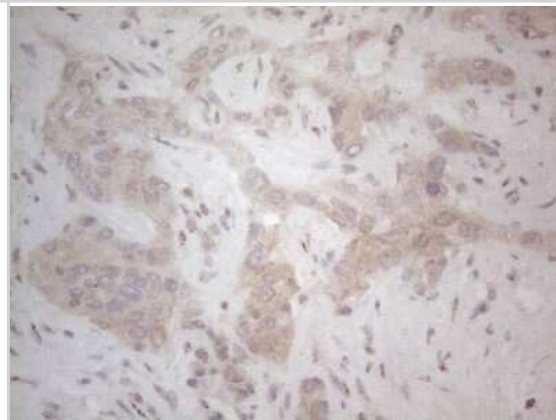
Immunohistochemistry: B7-H2/ICOSLG Antibody (2C5) [NBP2-46011] - Analysis of Carcinoma of Human prostate tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



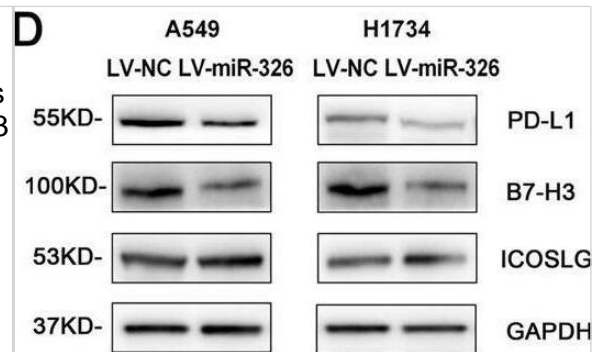
Immunohistochemistry: B7-H2/ICOSLG Antibody (2C5) [NBP2-46011] - Analysis of Adenocarcinoma of Human colon tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



Immunohistochemistry: B7-H2/ICOSLG Antibody (2C5) [NBP2-46011] - Analysis of Human liver tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



MiR-326 repressed PD-L1 and B7-H3 expression in LUAD cells. Lentivirus was used to overexpress miR-326 in A549 and H1734 cells. A Relative expression of miR-326 72 h after lentivirus infection was quantified by qRT-PCR (n = 3). B, C Relative expression of PD-L1/B7-H3 in miR-326 overexpressed A549 cells and H1734 cells was quantified by qRT-PCR (n = 3). D Protein levels of PD-L1 and B7-H3 after miR-326 overexpression were determined by western blots. E, F Statistical histogram of the western blots (n = 3). PD-L1 (G) and B7-H3 (H) expression on tumor cells was detected by flow cytometry (n = 3). All data were presented as mean +/- SEM. Comparisons between groups for statistical significance were performed with Student's t test. *P < 0.05, **P < 0.01, ***P < 0.001 versus LV-NC. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/34131111>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Shao L, He Q, Wang J et al. MicroRNA-326 attenuates immune escape and prevents metastasis in lung adenocarcinoma by targeting PD-L1 and B7-H3 Cell death discovery 2021-06-15 [PMID: 34131111] (WB, Mouse)

Garofalo M, Bertinato L, Staniszewska M et al. Combination Therapy of Novel Oncolytic Adenovirus with Anti-PD1 Resulted in Enhanced Anti-Cancer Effect in Syngeneic Immunocompetent Melanoma Mouse Model Pharmaceuticals 2021-04-14 [PMID: 33919827] (WB, Human)



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Products Related to NBP2-46011

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]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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