

Product Datasheet

DARC Antibody - BSA Free NBP1-77278

Unit Size: 0.1 mg

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

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NBP1-77278

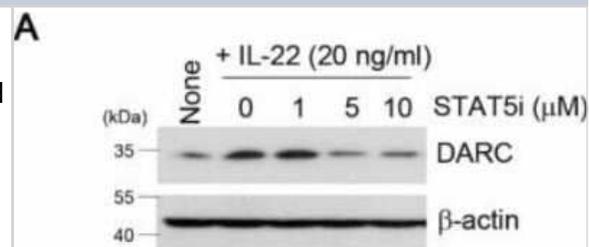
DARC Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	35 kDa
Product Description	
Description	Novus Biologicals Rabbit DARC Antibody - BSA Free (NBP1-77278) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-DARC Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2532
Gene Symbol	ACKR1
Species	Human, Mouse, Rat
Immunogen	Antibody was raised against a 16 amino acid synthetic peptide from near the carboxy terminus of human DARC. The immunogen is located within the last 50 amino acids of DARC. Amino Acid Sequence: LPEGWSSHLDLTLGSKS
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 0.5-2 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2.5 ug/ml, Immunohistochemistry-Paraffin 2.5 ug/ml

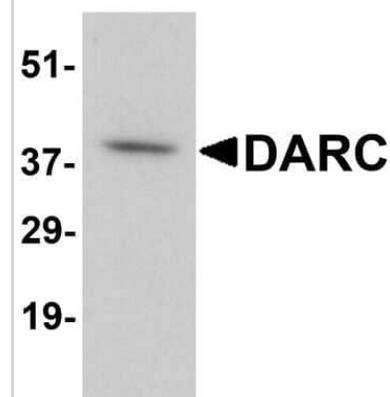


Images

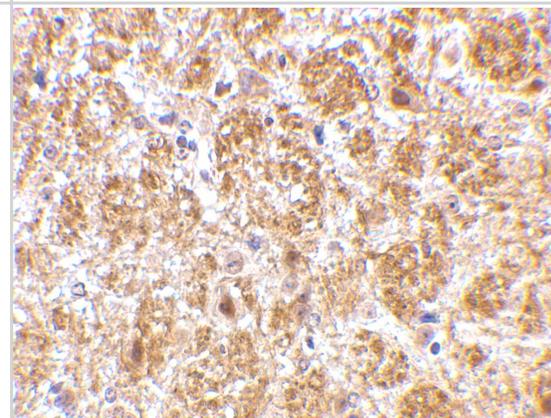
Western Blot: DARC Antibody - BSA Free [NBP1-77278] - DARC Antibody [NBP1-77278] - DARC expression in monocytes is dependent on an IL-22/IL-22Ra1-STAT5b signaling axis. THP1 cells were incubated with 20 ng/mL IL-22 in the absence or presence of the indicated concentrations of the STAT5b inhibitor, CAS285989, for 24 h and DARC protein expression was determined by immunoblotting assay. Western blot was quantified and expressed as the ratio of DARC and beta-actin intensity. Data are representative of three independent experiments with similar results. Image collected and cropped by CiteAb from the following publication (www.mdpi.com/2073-4409/8/12/1587) licensed under a CC-BY license.



Western Blot: DARC Antibody - BSA Free [NBP1-77278] - DARC Antibody [NBP1-77278] - Analysis in human cerebellum tissue lysate with antibody at 1 ug/mL.



Immunohistochemistry: DARC Antibody - BSA Free [NBP1-77278] - Immunohistochemistry of DARC in mouse brain tissue with DARC antibody at 2.5 ug/mL.



Publications

Kim EY, Noh HM, Choi B et al. Interleukin-22 Induces the Infiltration of Visceral Fat Tissue by a Discrete Subset of Duffy Antigen Receptor for Chemokine-Positive M2-Like Macrophages in Response to a High Fat Diet Cells 2019-12-06 [PMID: 31817755] (WB, Human)

Gardner L, Patterson AM, Ashton BA et al. The human Duffy antigen binds selected inflammatory but not homeostatic chemokines. *Biochem. Biophys. Res. Commun.* 321:306-12. 2004-01-01 [PMID: 15358176]

Chaudhuri A, Polyakova J, Zbrzezna V et al. Cloning of glycoprotein D cDNA, which encodes the major subunit of the Duffy blood group system and the receptor for the Plasmodium vivax malaria parasite. *Proc. Natl. Acad. Sci. USA*; 90:10793-7. 1993-01-01 [PMID: 8248172]



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Products Related to NBP1-77278

NBP1-77278PEP	DARC Antibody Blocking Peptide
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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