

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.

www.novusbio.com



technical@novusbio.com

Publications: 3

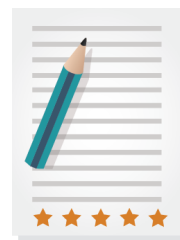
Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-77278

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-77278



NBP1-77278

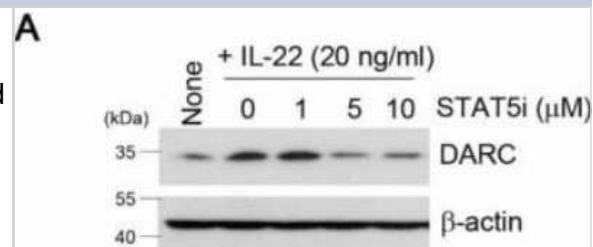
DARC Antibody - BSA Free

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	
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: LPEGWSSHLDTLGSKS
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
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

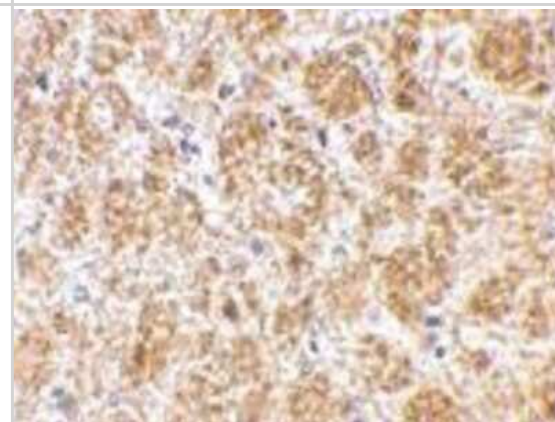


Images

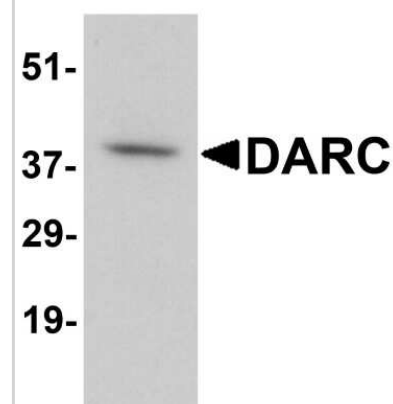
Western Blot: DARC Antibody - BSA Free [NBP1-77278] - DARC Antibody [NBP1-77278] - DARC expression in monocytes is dependent on an IL-22/IL-22Ra1-STAT5b signaling axis. THP1 cells were incubated with 20 ng/mL IL-22 in the absence or presence of the indicated concentrations of the STAT5b inhibitor, CAS285989, 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.



Immunohistochemistry-Paraffin: DARC Antibody - BSA Free [NBP1-77278] - DARC Antibody [NBP1-77278] - Mouse brain tissue with DARC antibody at 2.5 ug/ml.



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



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-77278

NBP1-77278PEP	DARC Antibody Blocking Peptide
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-77278

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

