

Product Datasheet

DARC Antibody (2C3) - Chimeric - Azide and BSA Free NBP2-75197

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP2-75197

DARC Antibody (2C3) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	2C3
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

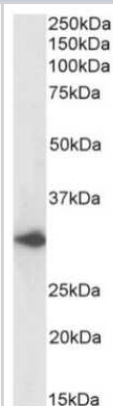
Product Description	
Host	Rabbit
Gene ID	2532
Gene Symbol	ACKR1
Species	Human
Specificity/Sensitivity	The antibody binds specifically to the pentapeptide FEDVW of the Duffy receptor.
Immunogen	CHO cells transfected with cDNA encoding the Duffy glycoprotein.

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Recommended Dilutions	Western Blot, Flow Cytometry 1:10 - 1:1000, ELISA 1:100 - 1:2000, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

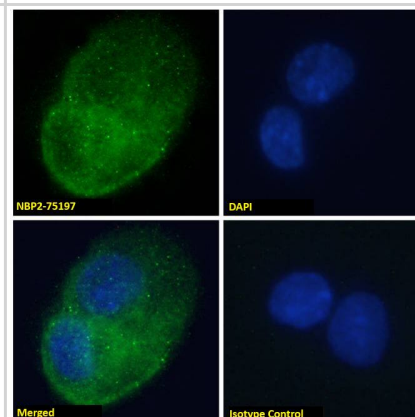


Images

Western Blot: DARC Antibody (2C3) - Chimeric [NBP2-75197] - Western Blot using anti-DARC antibody 2C3 (Ab00893) Human liver lysate samples (35ug protein in RIPA buffer) were resolved on a 10% SDS PAGE gel and blots probed with the chimeric rabbit version of 2C3 (NBP2-75197) at 0.03 ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence. The expected running size for DARC is 35.6kDa. NBP2-75197 successfully detected DARC in human liver lysate.



Immunocytochemistry /Immunofluorescence: DARC Antibody (2C3) - Chimeric - Azide and BSA Free [NBP2-75197] - Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells on coverslips, permeabilized with 0.15% Triton and stained with NBP2-75197 at 10 ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (1 ug/ml), showing cytoplasmic staining, likely of endosomes, and some membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP2-75197, DAPI, merged channels and an isotype control. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody.



Publications

Guo X, Khosraviani N, Raju S et Al. Endothelial ACKR1 is induced by neutrophil contact and down-regulated by secretion in extracellular vesicles Front Immunol 2023-04-21 [PMID: 37153544]



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Products Related to NBP2-75197

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
H00002532-P01-10ug	Recombinant Human DARC GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]

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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