

# 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

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

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit DARC Antibody (2C3) - Chimeric - Azide and BSA Free (NBP2-75197) is a recombinant monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. Anti-DARC Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	2532
<b>Gene Symbol</b>	ACKR1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	The antibody binds specifically to the pentapeptide FEDVW of the Duffy receptor.
<b>Immunogen</b>	CHO cells transfected with cDNA encoding the Duffy glycoprotein.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry 1:10 - 1:1000, ELISA 1:100 - 1:2000, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
<b>Application Notes</b>	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.

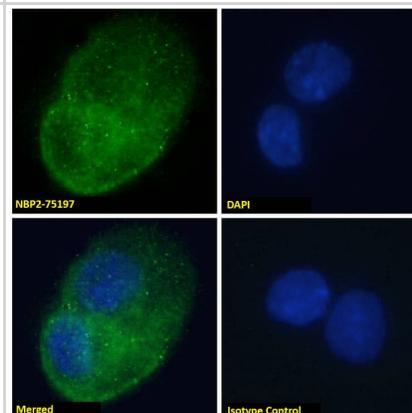


## Images

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**

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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]
H00002532-P01-10ug	Recombinant Human DARC GST (N-Term) Protein

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### **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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