

DARC Polyclonal Antibody

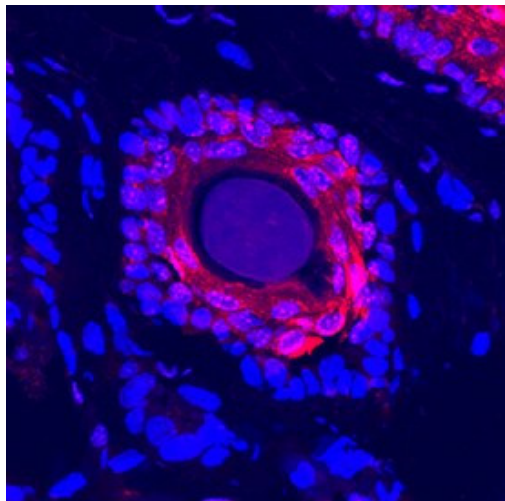
Product Details	
Size	100 µg
Species Reactivity	Mouse, Rat
Published Species	Mouse
Host/Isotype	Sheep / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived recombinant mouse DARC Met1-Pro61, Ala115-Cys127, Ser186-Lys205, Tyr264-Asn285
Form	Lyophilized
Concentration	0.2 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5% trehalose
Contains	No Preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2576815

Applications	Tested Dilution	Publications
Western Blot (WB)	1 µg/mL	-
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Frozen) (IHC (F))	5-15 µg/mL	-
Flow Cytometry (Flow)	0.25 µg per million cells	-

Product Specific Information

Reconstitute in sterile PBS to a final concentration of 0.2 mg/mL.

Product Images For DARC Polyclonal Antibody

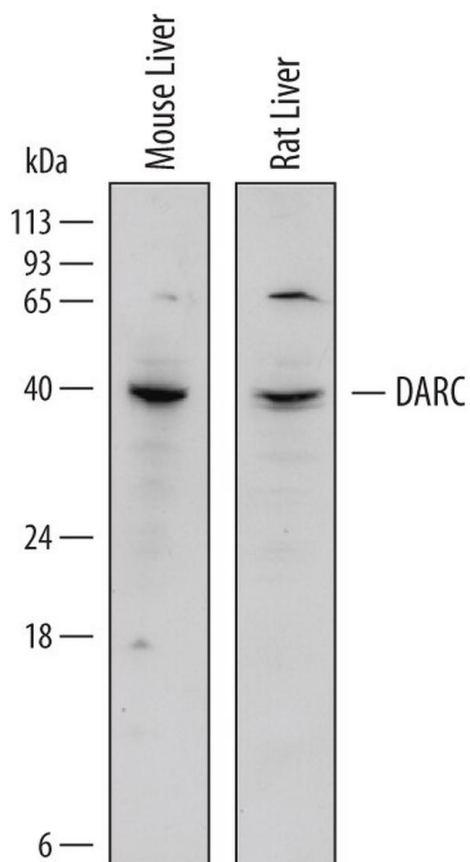


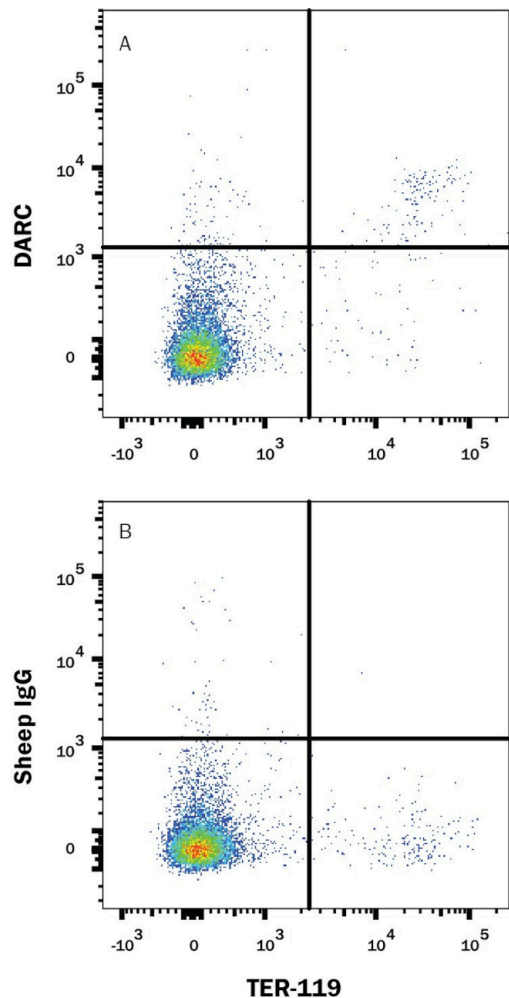
DARC Antibody (PA5-47861) in IHC (F)

Immunohistochemical analysis of DARC in perfusion fixed frozen sections of mouse skin. Samples were incubated with DARC polyclonal antibody (Product # PA5-47861) using a dilution of 0.5 µg/mL overnight at 4 °C followed by NorthernLights™ 557-conjugated Anti-Sheep IgG Secondary Antibody (red) and counterstained with DAPI (blue). Specific staining was localized to the hair follicle.

DARC Antibody (PA5-47861) in WB

Western blot analysis of DARC in mouse liver tissue and rat liver tissue. Samples were incubated in DARC polyclonal antibody (Product # PA5-47861) using a dilution of 1 µg/mL followed by a HRP-conjugated Anti-Sheep IgG secondary antibody. A specific band was detected for DARC at approximately 40 kDa (as indicated). This experiment was conducted under reducing conditions.





DARC Antibody (PA5-47861) in Flow

Flow cytometry of DARC in Mouse splenocytes stained with Rat Anti-Mouse TER-119 APC-conjugated Monoclonal Antibody. Samples were incubated in either (A) DARC polyclonal antibody (Product # PA5-47861) or (B) Normal Sheep IgG Control followed by Allophycocyanin-conjugated Anti-Sheep IgG Secondary Antibody.

[View more figures on thermofisher.com](#)

1 Reference

Immunohistochemistry (1)

Frontiers in neurology

Cytokine Levels in Inner Ear Fluid of Young and Aged Mice as Molecular Biomarkers of Noise-Induced Hearing Loss.

"PA5-47861 was used in Immunohistochemistry to show the inner ear fluid of mice with sensorineural hearing loss show increased L-6, TNF-, and CXCL1 cytokine levels."

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Year
2022

Species
Mouse

Dilution
1:25

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