

For Research Use Only

CoraLite® Plus 488-conjugated GSNOR,ADH5 Polyclonal antibody



Catalog Number:CL488-11051

Featured Product

Basic Information

Catalog Number: CL488-11051	GenBank Accession Number: BC070491	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 128	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Source: Rabbit	Full Name: alcohol dehydrogenase 5 (class III), chi polypeptide	
Isotype: IgG	Calculated MW: 40 kDa	
Immunogen Catalog Number: AG1533	Observed MW: 40 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse, rat

Background Information

ADH5, also named as ADHX, FDH FALDH GSH-FDH ADH3 and GSNOR, belongs to the zinc-containing alcohol dehydrogenase family and Class-III subfamily. It is remarkably ineffective in oxidizing ethanol, but it readily catalyzes the oxidation of long-chain primary alcohols and the oxidation of S-(hydroxymethyl) glutathione. ADH5 mediates multiple cardiovascular functions. It plays in regulating heterocellular communication in the artery wall. (PMID:21071693). ADH5 immunostaining is distributed in both the nucleus and cytoplasm of the retinal ganglion cells(PMID:22117533).

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

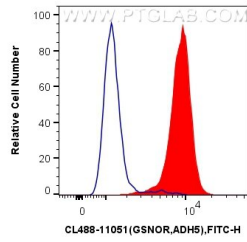
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1×10^6 K-562 cells were intracellularly stained with 0.4 μ g CoraLite® Plus 488 Anti-Human GSNOR,ADH5 (CL488-11051) (red), or 0.4 μ g CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000, Clone:) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).