

For Research Use Only

CoraLite® Plus 488-conjugated GSNOR,ADH5 Polyclonal antibody



Catalog Number:CL488-16379

Featured Product

Basic Information

| | | |
|---|--|---|
| Catalog Number: CL488-16379 | GenBank Accession Number: BC014665 | Purification Method: Antigen affinity purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 128 | Excitation/Emission maxima wavelengths: 488 nm / 515 nm |
| Source: Rabbit | Full Name: alcohol dehydrogenase 5 (class III), chi polypeptide | |
| Isotype: IgG | Calculated MW: 374 aa, 40 kDa | |
| Immunogen Catalog Number: AG9360 | 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.

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

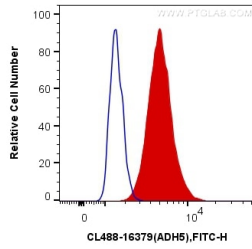
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

Selected Validation Data



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human GSNOR,ADH5 (CL488-16379) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).