

Product Datasheet

Anti-VIP Antibody FL490 Conjugate



Overview

Catalog #	75-447-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2b
Clone Number	L108/92
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC, IHC
Species Reactivity	Human and Rat
Immunogen	Fusion protein amino acids 81-152 (mature protein) of human VIP (accession number P01282) produced recombinantly in E. Coli
Molecular Weight	19 kDa
Cite this Antibody	Antibodies Inc Cat# 75-447-FL490, RRID: AB_2940484

Details

Target Description	Vasoactive Intestinal Peptide (VIP) or PHM27 is encoded by the gene VIP and belongs to the glucagon family. VIP is a secreted peptide hormone and binds to the VIP receptors VIP R1 and VIP R2. Signaling through the receptors, VIP is involved diverse processes including vasodilation, regulation of blood pressure, stimulates myocardial contractility and neurotransmission. VIP is produced in many tissues including gut, pancreas, heart and brain. Diseases associated with this gene include Vipoma and Vasomotor Rhinitis.
Specificity	No cross-reactivity reported
Purification Method	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Quality Control Tests	Each new lot of antibody is quality control tested by IHC on either rat or mouse brain and confirmed to give the expected staining pattern.

Storage

Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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