

For Research Use Only

CoraLite® Plus 488-conjugated VIP Polyclonal antibody

Catalog Number: CL488-16233



Basic Information

Catalog Number: CL488-16233	GenBank Accession Number: BC009794	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 7432	Recommended Dilutions: IF-P 1:50-1:500
Source: Rabbit	UNIPROT ID: P01282	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Full Name: vasoactive intestinal peptide	
Immunogen Catalog Number: AG8933	Calculated MW: 169 aa, 19 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P : mouse colon tissue,
Species Specificity: human, mouse, rat	

Background Information

Vasoactive intestinal peptide (VIP), a short peptide containing 28 amino acids belonging to the secretin-glucagon family, is initially isolated from the gastrointestinal tract as a potent vasodilator peptide. VIP was initially identified in normal nervous tissue and neurons and was subsequently recognized as a neurotransmitter widely distributed in various tissues. The wide distribution of VIP determines its involvement in a range of biological activities, such as gut motility, hormonal regulation, circadian rhythms, immune responses, and carcinogenesis. The general physiologic effects of VIP include vasodilation, anti-inflammatory actions, cell proliferation, hormonal secretion, regulation of gastric motility, and smooth muscle relaxation; therefore, VIP has emerged as a promising drug candidate for the treatment of several diseases.

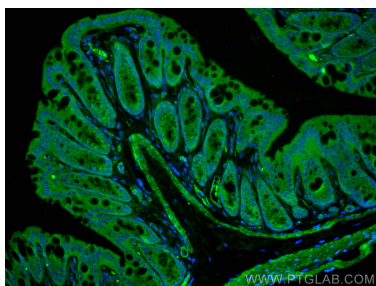
Storage

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

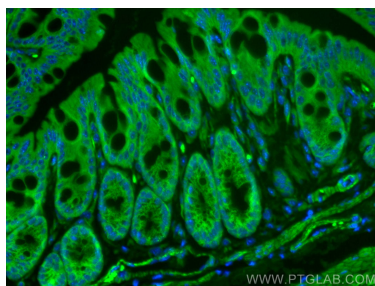
For technical support and original validation data for this product please contact:
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse colon tissue using CoraLite® Plus 488 VIP antibody (CL488-16233) at dilution of 1:200.



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