

Recombinant VPAC1 Monoclonal Antibody

catalog number: **AN301687L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

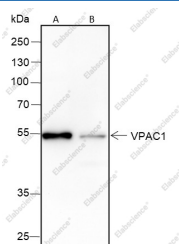
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human VPAC1 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111310
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

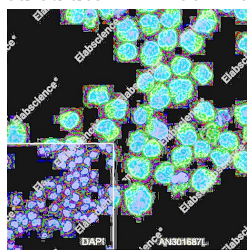
WB	1:500-1:2000
IHC	1:50-1:100
IF	1:50

Data

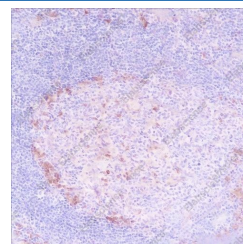


Western Blot with VPAC1 Monoclonal Antibody at dilution of 1:2000. Lane A: Mouse small intestine, Lane B: Rat small intestine

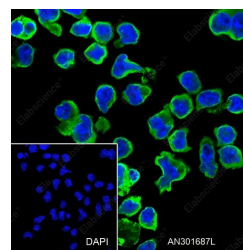
Observed-MW:90 kDa
Calculated-MW:90 kDa



Immunofluorescent analysis of (4% Paraformaldehyde) fixed Raji cells using anti-VPAC1 Monoclonal Antibody at dilution of 1:50.



Immunohistochemistry of paraffin-embedded Human tonsil using VPAC1 Monoclonal Antibody at dilution of 1:100.



Immunofluorescent analysis of (4% Paraformaldehyde) fixed EL4 cells using anti-VPAC1 Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.2

VPAC1 is the receptor for vasoactive intestinal peptides. This small neuropeptide is involved in regulating smooth muscle relaxation, the water and ion flux of the lung and intestinal epithelium, promoting neuron growth and survival, and regulating immune function. The activity of VPAC1 is regulated by G protein. VPAC1 interacts with citrulline nucleotide binding protein-related membrane receptors to activate adenylate cyclase.