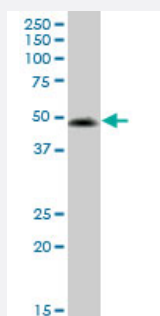


VIPR2 monoclonal antibody (M01), clone 2E3

Catalog # H00007434-M01

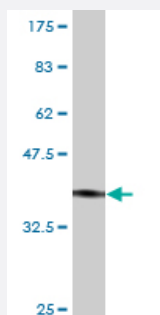
Size 100 ug

Applications



Western Blot (Cell lysate)

VIPR2 monoclonal antibody (M01), clone 2E3. Western Blot analysis of VIPR2 expression in IMR-32 (Cat # L008V1).



Western Blot detection against Immunogen (37.07 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant VIPR2.

Immunogen

VIPR2 (NP_003373, 24 a.a. ~ 126 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

ECRFHLEIQEEETKCAELLRSQTEKHKACSGVWDNITCWRPANVGETVTVPCPKVFSNFYSKAG
NISKNCTSDGWSETFPDFVDACGYSDPEDESKITFYILV

Host

Mouse

Reactivity

Human

Isotype

IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.07 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

VIPR2 monoclonal antibody (M01), clone 2E3. Western Blot analysis of VIPR2 expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — VIPR2

Entrez GeneID

[7434](#)

GeneBank Accession#

[NM_003382](#)

Protein Accession#

[NP_003373](#)

Gene Name

VIPR2

Gene Alias

FLJ16511, VPAC2, VPCAP2R

Gene Description

vasoactive intestinal peptide receptor 2

Omim ID

[601970](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Vasoactive intestinal peptide (VIP; MIM 192320) and pituitary adenylate cyclase activating polypeptide (PACAP; MIM 102980) are homologous peptides that function as neurotransmitters and neuroendocrine hormones. While the receptors for VIP and PACAP share homology, they differ in their substrate specificities and expression patterns. See VIPR1 (MIM 192321) and ADCYAP1R1 (MIM 102981).[supplied by OMIM]

Other Designations

-

Publication Reference

- [Human CD4 + CD45RA + T Cells Behavior after In Vitro Activation: Modulatory Role of Vasoactive Intestinal Peptide.](#)

Raúl Villanueva-Romero, Alicia Cabrera-Martín, Emigdio Álvarez-Corrales, Mar Carrión, Selene Pérez-García, Amalia Lamana, David Castro-Vázquez, Carmen Martínez, Rosa P Gomariz, Irene Gutiérrez-Cañas, Yasmina Juarranz.

International Journal of Molecular Sciences 2022 Feb; 23(4):2346.

Application: WB-Ce, Human, CD4+CD45RA+ T cells

- [Vasoactive intestinal peptide axis is dysfunctional in patients with Graves' disease.](#)

M Carrión, A M Ramos-Leví, I V Seoane, R Martínez-Hernández, A Serrano-Somavilla, D Castro, Y Juarranz, I González-Álvaro, Rosa P Gomariz, Mónica Marazuela.

Scientific Reports 2020 Aug; 10(1):13018.

Application: WB, Human, PBMC

- [Activation of Th lymphocytes alters pattern expression and cellular location of VIP receptors in healthy donors and early arthritis patients.](#)

Villanueva-Romero R, Gutiérrez-Cañas I, Carrión M, González-Álvaro I, Rodríguez-Frade JM, Mellado M, Martínez C, Gomariz RP, Juarranz Y.

Scientific Reports 2019 May; 9(1):7383.

Application: IF, WB-Ce, Human, Th cells

- [VIP impairs acquisition of the macrophage proinflammatory polarization profile.](#)

Carrión M, Pérez-García S, Martínez C, Juarranz Y, Estrada-Capetillo L, Puig-Kröger A, Gomariz RP, Gutiérrez-Cañas I.

Journal of Leukocyte Biology 2016 Dec; 100(6):1385.

Application: IF, WB, Human, Human PBMCs (Macrophages)

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcoholism](#)
- [Bipolar Disorder](#)
- [Cerebral Hemorrhage](#)

- [Chronobiology Disorders](#)
- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Interview](#)
- [Intracranial Hemorrhages](#)
- [Mental Disorders](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)