10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

VAV2 Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO2020a

Product Information

Application	WB, FC, E
Primary Accession	P52735
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	3F5D3
Isotype	IgG1
Calculated MW	101289
Description	VAV2 is the second member of the VAV guanine nucleotide exchange factor family of oncogenes. Unlike VAV1, which is expressed exclusively in hematopoietic cells, VAV2 transcripts were found in most tissues. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Immunogen	Purified recombinant fragment of human VAV2 (AA: 552-868) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	7410
Other Names	Guanine nucleotide exchange factor VAV2, VAV-2, VAV2
Dilution	WB~~1/500 - 1/2000 FC~~1/200 - 1/400 E~~1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	VAV2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	VAV2
Function	Guanine nucleotide exchange factor for the Rho family of Ras- related GTPases. Plays an important role in angiogenesis. Its recruitment by phosphorylated EPHA2 is critical for EFNA1-induced RAC1 GTPase activation

and vascular endothelial cell migration and assembly (By similarity).

Tissue Location Widely expressed.

References

J Cell Biol. 2001 Jul 9;154(1):177-86.Oncogene. 2010 Apr 29;29(17):2528-39.

Images

