

Mouse Monoclonal Antibody to VAV1

Catalogue Number	sAP-0740
Target Molecule	Name: VAV1 Aliases: VAV MW: 98.3kDa Entrez Gene ID: 7409
Description	The protein encoded by this proto-oncogene is a member of the Dbl family of guanine nucleotide exchange factors (GEF) for the Rho family of GTP binding proteins. The protein is important in hematopoiesis, playing a role in T-cell and B-cell development and activation. This particular GEF has been identified as the specific binding partner of Nef proteins from HIV-1. Coexpression and binding of these partners initiates profound morphological changes, cytoskeletal rearrangements and the JNK/SAPK signaling cascade, leading to increased levels of viral transcription and replication.
Immunogen	Purified recombinant fragment of human VAV1 (AA: 121-324) expressed in E. Coli.
Recombinant Species	Human
Clone	MM2E11;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 250; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Acta Pharmacol Sin. 2011 Jan;32(1):99-107. ; 2.Cell Tissue Res. 2011 Jul;345(1):163-75. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**