

Mouse Monoclonal Antibody to TIE1

Catalogue Number	sAP-0909
Target Molecule	Name: TIE1 Aliases: TIE; JTK14 MW: 125kDa Entrez Gene ID: 7075
Description	This gene encodes a member of the tyrosine protein kinase family. The encoded protein plays a critical role in angiogenesis and blood vessel stability by inhibiting angiopoietin 1 signaling through the endothelial receptor tyrosine kinase Tie2. Ectodomain cleavage of the encoded protein relieves inhibition of Tie2 and is mediated by multiple factors including vascular endothelial growth factor. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. ;
Immunogen	Purified recombinant fragment of human TIE1 (AA: 385-607) expressed in E. Coli.
Reactive Species	Human;
Clone	MM8D12D2;
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 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Int J Oncol. 2007 Oct;31(4):893-7. ; 2. Cancer. 2002 Mar 1;94(5):1517-21. ;

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**