

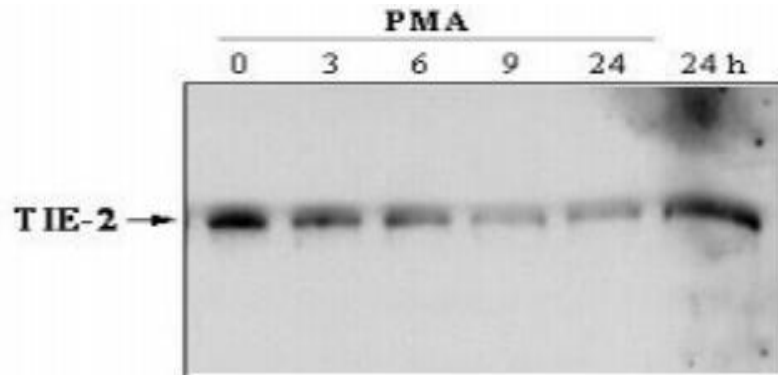
TEK

Anti-Human TIE-2/tek (Clone #tek2) mAb

Catalog No.	CMT202	Quantity:	100 µg
Alternate Names:	Angiopoietin 1 receptor precursor antibody, CD202B antibody, CD202b antigen antibody, P140 TEK antibody, TIE2 antibody, TIE-2 antibody, Tunica interna endothelial cell kinase antibody, Tyrosine-protein kinase receptor TEK antibody, Tyrosine-protein kinase receptor TIE-2 antibody, VMCM antibody, VMCM1 antibody		
Description:	Monoclonals were produced with the help of BALB/c mice using recombinant human soluble extracellular TIE-2 as the immunizing antigen. Mouse IgG ₁ antibody (#tek2) from hybridomas was purified from cell culture supernatant by Protein G chromatography.		
Gene ID:	7010		
Specificity:	The monoclonal antibody will detect native human TIE-2/tek in ELISA experiments and on the surface of different human cell types. The antibody can be used for ELISA experiments, Western blotting, FACS and cell sorting.		
Host:	Mouse		
Immunogen:	Recombinant human soluble TIE-2 protein		
Isotype:	IgG1		
Clone:	#tek2		
Formulation:	Lyophilized from PBS solution, pH 7.4 without preservative.		
Purification:	Protein G chromatography		
Reconstitution:	When reconstituted in sterile water to a concentration of 1.0 mg/ml the antibody is stable for at least six weeks at 2-4°C.		
Applications:	ELISA: Use at 1-15 µg/ml. Western blot: Use at 1-2 µg/ml FACS analysis and cell sorting: Use at 2-5 µg/ml together with the appropriate secondary reagents. Optimal dilutions should be determined by each laboratory for each application.		
	<i>see image on following page</i>		
Storage & Stability:	The lyophilized antibody, though stable at room temperature, is best stored desiccated below 0°C. Reconstituted anti-TIE-2/tek is stable at 4°C for >one month or can be stored in working aliquots at -20°C for more than six months.		



Effects of PMA treatment on TIE-2 mRNA and protein. HUVECs (passage 1) were stimulated for the indicated periods of time with PMA at 25 ng/ml or left untreated. Western blot analysis for the presence of TIE-2 protein by immunoprecipitation using antibodies directed against the extracellular domain of human TIE-2)



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