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Anti-Human TIE-2/tek
Clone 16, Monoclonal Antibody

Catalog No.	CMT204	**Quantity:**	100 µg
Clone:	16		

Synonyms: 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 (#tek16) from hybridomas was purified from cell culture supernatant by Protein G chromatography.

Host Species: Mouse

Antigen: Recombinant human soluble TIE-2 protein

Purification: Protein G chromatography.

Stabilizer: none

Buffer: PBS pH 7.4 w/o preservative.

Formulation: Lyophilized.

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.

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.

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.

Applications:
ELISA: Use at 1-15 µg/ml.
Western blotting: 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.

see image on following page

Cell Sciences, Inc.
480 Neponset Street
Bldg 12A
Canton, MA 02021

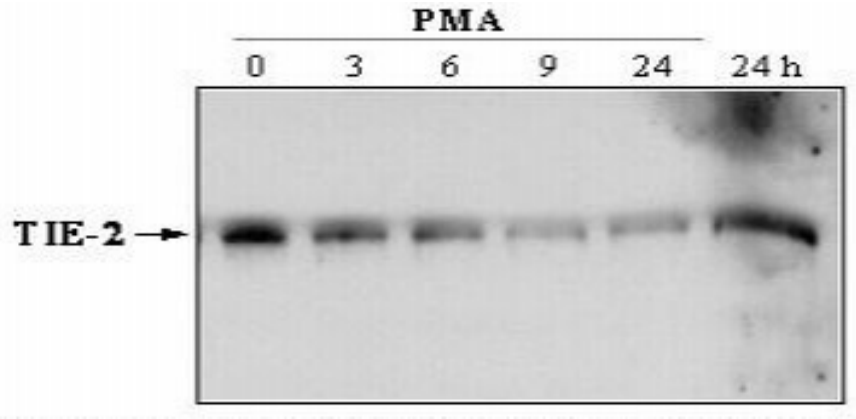
Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Web site: www.cellsciences.com

References: Search PubMed (MEDLINE) for references to this product.

Please note: always centrifuge vials before opening.

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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