



11 Park Drive, Suite 12
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Biotinylated Anti-human TIE-2/tek (Cl. 16)

Description: Monoclonals were produced with the help of BALB/c mice using recombinant human soluble extracellular TIE-2 as the immunizing antigen. Mouse IgG₁ antibody (#tek16) from hybridomas was purified from cell culture supernatant by Protein G chromatography and then biotinylated using a standard protocol.

Host species	Mouse
Antigen:	Recombinant human soluble TIE-2 protein
Purification:	Protein G chromatography
Stabilizer:	BSA (50X)
Buffer:	0.1M Tris-Cl, 0.2M NaCl, 0.02% NaN ₃ , pH 7.4
Formulation:	lyophilized

Reconstitution: The biotinylated antibody should be reconstituted to a concentration of 50 µg/ml with sterile PBS solution containing 0.1% BSA. This solution can be stored at 4°C for at least one month without detectable loss of activity. Frozen aliquots of this solution are stable for at least 6 months when kept at -20°C. **Avoid more than one freeze-thaw cycle.**

Stability: The lyophilized antibody 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 unconjugated 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.

Application

FACS analysis and cell sorting: Use at 2-5 µg/ml.

Optimal dilutions should be determined by each laboratory for each application.

Usage: Anti-human TIE-2/tek is offered for research use. Not for drug use. **Not for human use!**

Catalogue number: 101-MBi54	Size: 50 µg
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[**Literature:** Chin et al. Anticancer Res. 24:2353, 2004; Scheufler et al., J Cereb Blood Flow Metab. 23:99, 2003; Reusch et al., Angiogenesis 4:123, 2001; Harris et al., Clin Cancer Res. 7 :1992, 2001]

**** please note : always centrifuge vials before opening ****

Contact & Ordering Information: Angio-Proteomie, 11 Park Drive, Suite 12, Boston, MA 02215, USA. Fax: (480) 247-4337, angioproteomie@gmail.com