11 Park Drive, Suite 12
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Anti-human TIE-2/tek (Cl. 9)

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 (#tek9) 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, thought 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.

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.

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

Catalogue number: 101-M52 **Size:** 100 µg

[**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]

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