

## Rat anti mouse Tie-2

### ORDERING INFORMATION

**Catalog Number:** mAP-0048  
**Size:** 200 µg  
**Storage:** < -20° C  
**Immunogen:** Mouse Tie2 Extracellular Domain  
**Ig Type:** Rat IgG1  
**Clone:** AP-MAB0807  
**Applications:** Western blotting, Flow Cytometry, and IHC

**Description:** Tie-2 is an endothelial-specific receptor tyrosine kinase and a receptor for angiopoietins. Tie-2 is predominantly expressed in the endothelium and it is likely involved in the regulation of vascular maturation and stability.

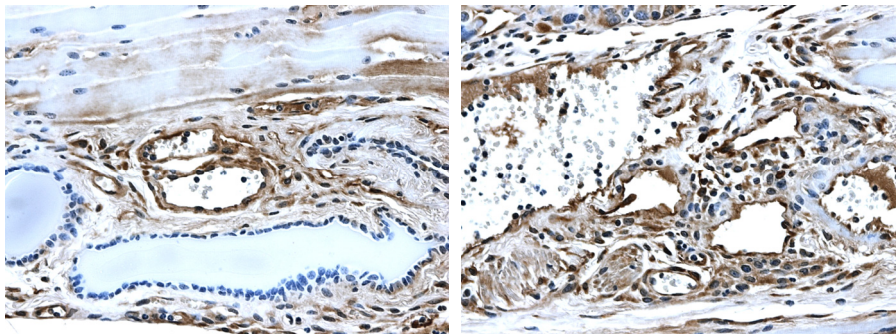
**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with mouse Tie2 extracellular domain).

**Formulation and Storage:** The IgG fraction of culture supernatant was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

**Reconstitution:** Reconstitute the antibody with 400 µl sterile PBS (final concentration 500µg/ml). Reconstituted antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

### Application(s)

1.	FC	Yes	(1:50-100)
2.	WB	Yes	(1:100-400)
3.	IHC	Yes	(1:100-200)



Formalin fixed and paraffin embedded mouse skin tissue section from human breast cancer cell xenograft model was subjected to immunohistochemistry staining (ABC) of mouse Tie2 using mAP-0048.

**The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users!**