

Rat monoclonal anti-mouse Tie2 (agonistic)

ORDERING INFORMATION

Catalog No:	mT1002r-m
Size:	200 µg
Storage:	< -20° C
Immunogen:	Mouse Tie2 extra-cellular domain
Ig Type:	Rat IgG1
Clone:	MAB1201
Applications:	WB and Activation of Tie2 in vitro and in vivo

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

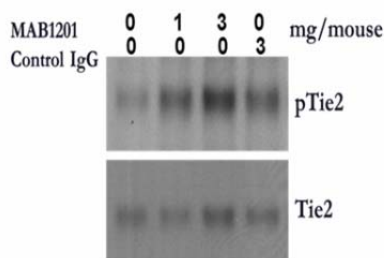
Formulation and Storage: The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

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

Specificity: This antibody recognizes mouse Tie2 but not Tie1 in western blot. Cross reactivity to other species has not been tested!

Applications:

- Western blot** Yes (1:500-1000)
- Activation of Tie2 receptor** Yes



MAB1201 induced Tie2 activation in kidney in vivo:

both isotype control (IgG1) and MAB1201 IgG were injected (*i.p.*) at the doses indicated and total and phosphor-Tie2 were detected in kidney tissue 1 week after injection.

Final dilutions should be optimized by the end users and the dilutions provided in the data sheet are for reference only (For Research Use Only)