

Rat monoclonal anti-mouse VEGFR2

ORDERING INFORMATION

Catalog No:	mAP-0002A
Size:	100 µg
Storage:	< -20 °C
Immunogen:	Mouse VEGFR2 extra-cellular domain
Ig Type:	Rat IgG2a
Clone:	RM0002A-6C23
Applications:	IHC & Western blot

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with purified mouse VEGFR2 extracellular domain).

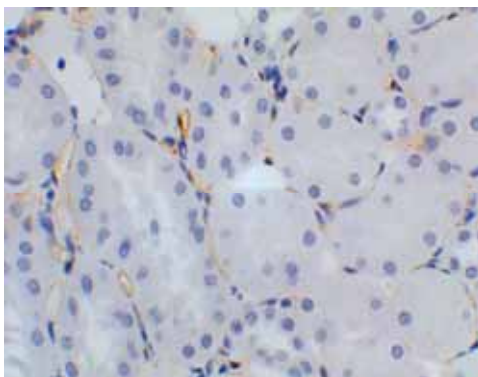
Formulation and Storage: The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

Reconstitution: Reconstitute the antibody with 500 µl sterile PBS and the final concentration is 200µg/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 VEGFR2 in western blot. No cross-reactivity to mouse VEGFR1 and VEGFR3. Cross reactivity to other species has not been tested!

Applications:

1.	Western blot	Yes	(1:400-1000)
2.	Immunohistochemistry (Paraffin Section)	Yes	(1:100-300)



Paraformalin fixed and paraffin embedded normal mouse kidney section was subjected to immunohistochemistry staining (ABC) of VEGFR2 using mAP-0002A. Specific VEGFR2 signal (DAB) is noted in vascular endothelial cells.