

## Rat anti mouse CD34

### ORDERING INFORMATION

**Catalog Number:** mAP-0031  
**Size:** 200 µg  
**Storage:** < -20° C  
**Immunogen:** Recombinant Mouse CD34 protein  
**Ig Type:** IgG2a  
**Clone:** RM0031-1A9  
**Applications:** Immunohistochemistry

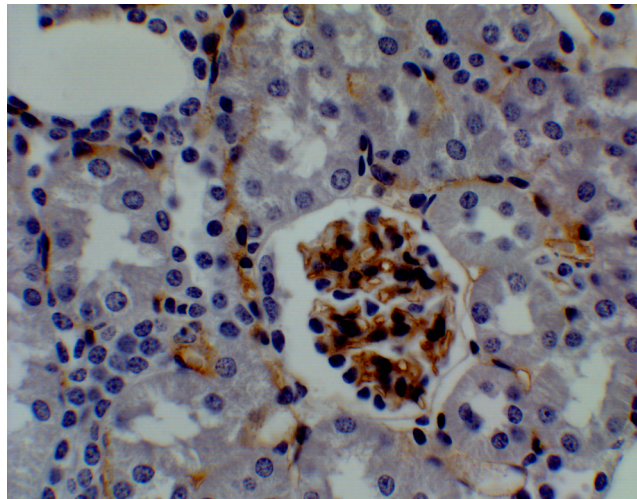
**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with recombinant mouse CD34 protein).

**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 400 µl sterile H<sub>2</sub>O and the final concentration is 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. **Immunohistochemistry (Paraffin):** Yes (1:100-300)



Both paraformaldehyde and Bouin's solution fixed and paraffin embedded normal mouse kidney section was subjected to immunohistochemistry staining (ABC) of CD34 using mAP-0031. Specific CD34 signal (DAB) is noted in vascular endothelial cells.

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