

**HAMSTER ANTI MOUSE CD31  
MONOCLONAL ANTIBODY**

**CATALOG NUMBER:** MAB1398Z

**LOT NUMBER:** xxxxxx

**QUANTITY:** 100 µg

**CONCENTRATION:** 1 mg/mL

**SPECIFICITY:** Reacts with the 130-140 kDa protein, PECAM-1 found on mouse monocytes, platelets, granulocytes and endothelial cells. 2H8 effectively inhibits transmigration of activated polymorphonuclear cells and monocytes across the endothelium. In a mouse model for acute peritonitis - 2H8 blocks acute inflammation.

**ISOTYPE:** IgG

**CLONE NAME :** 2H8

**APPLICATIONS:** Flow Cytometry: 0.1 µg/mL  
Blocking  
Optimal working dilutions must be determined by end user.

**FORMAT:** Purified immunoglobulin - Ig fraction

**PRESENTATION:** Liquid in phosphate buffered saline containing no preservatives

**STORAGE/HANDLING:** Store at -20°C only. Avoid repeated freeze-thaw cycles.

**REFERENCES:**

1. Yong, X et al. (1993). *Proc. Natl. Acad. Sci.* **90**: 5569-5573
2. Bogen, S. et al. (1994). *J. Exp. Med.* **179**: 1059-1064.
3. Newman, P.J. et al. (1992). *J. Cell. Biol.* **119**: 239-246.

*For research use only; not for use as a diagnostic.*