

Rabbit anti-zebrafish Flt4 Monoclonal Antibody
Clone 5B6 **Catalog Number: R16002M5B6**

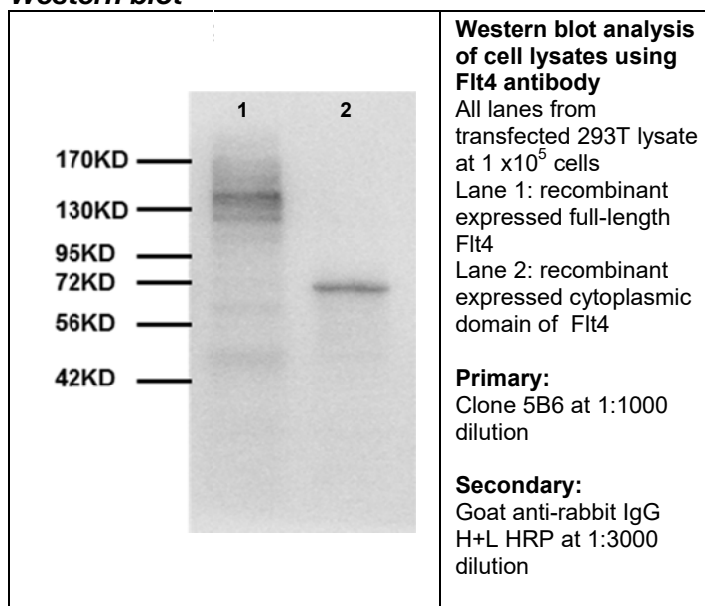
| General Information | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Immunogen | recombinant Flt4 intracellular domain |
| IgG type | IgG |
| Clonality | Monoclonal |
| Specificity | Zebrafish Flt4 |
| Applications & dilution | WB 1:500 - 1:1000 IF 1:500 - 1:1000 |
| Formulation | PBS with 0.09% sodium azide, 50% glycerol, pH7.3. |
| Purity | ≥95% purity by SDS-PAGE |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. |
| Abbreviation: ELISA: Enzyme-linked immunosorbent assay; ITA: immunoturbidimetric assay; IP: immunoprecipitation; IHC: immunohistochemistry; IF: immunofluorescence. WB: western blot; nosorbent assay; FC: flow cytometry | |

Preparation

Monoclonal antibody is produced by immunizing rabbit with Flt4 intracellular domain and purified using protein A resin.

Applications

Western blot



Background

Flt4 is a tyrosine-kinase receptor for vascular endothelial growth factors C and D. The protein is responsible for lymphangiogenesis and maintenance of the lymphatic endothelium and vascular development. The VEGF signaling pathway is critical in embryonic vasculogenesis and angiogenesis where Flt4 is present in the endothelial cells.

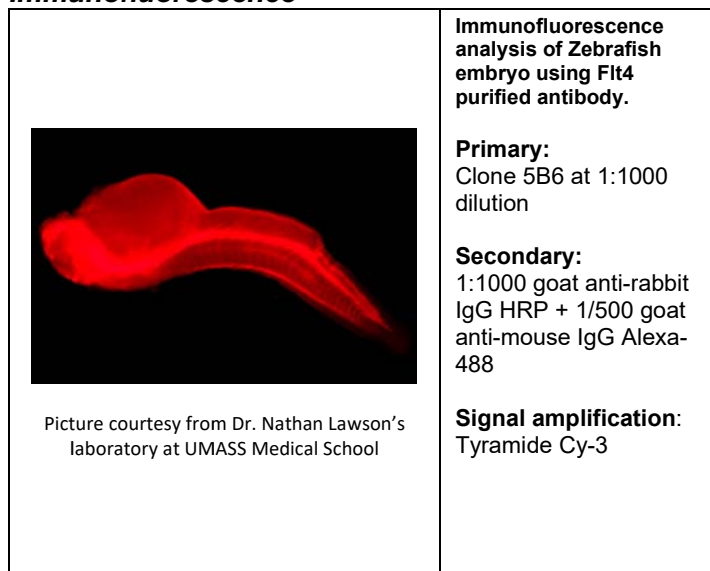
Storage

This antibody is shipped at 4 °C. This product is stable for 12 months from date of receipt when stored at -20 °C to -70 °C. Avoid freeze/thaw cycles.

Hazard/Biohazard

This antibody contains 0.09% sodium azide as preservative. Please handle and dispose the product properly. No known biohazard is associated with this product.

Immunofluorescence



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