



Anti-mouse Flt-3 Antibody

ORDERING INFORMATION

Catalog Number: AF768

Lot Number: ECO01

Size: 100 µg

Formulation: 0.2 µm filtered solution in PBS

Storage: -20° C

Reconstitution: sterile PBS

Specificity: mouse Flt-3

Immunogen: NS0-derived rmFlt-3
extracellular domain

Ig Type: mouse Flt-3 extracellular domain
specific goat IgG

Applications: ELISA
Western blot
Flow Cytometry

Preparation

Produced in goats immunized with purified, NS0-derived, recombinant mouse Flt-3 (rmFlt-3) extracellular domain. Flt-3 specific IgG was purified by mouse Flt-3 affinity chromatography.

Formulation

Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS).

Endotoxin Level

< 0.1 EU per 1 µg of the antibody as determined by the LAL method.

Reconstitution

Reconstitute with sterile PBS. If 1 mL of PBS is used, the antibody concentration will be 0.1 mg/mL.

Storage

Lyophilized samples are stable for twelve months from date of receipt when stored at -20° C to -70° C. Upon reconstitution, the antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20° C to -70° C **in a manual defrost freezer** for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity

This antibody has been selected for its ability to recognize rmFlt-3 in direct ELISAs and western blots. In direct ELISAs and western blots, this antibody shows less than 1% cross-reactivity with rhFlt-3.

Applications

ELISA - This antibody can be used at 0.5 - 1.0 µg/mL with the appropriate secondary reagents to detect mouse Flt-3. The detection limit for rmFlt-3 is approximately 0.2 ng/well.

Western blot - This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect mouse Flt-3. The detection limit for rmFlt-3 is approximately 5 ng/lane under non-reducing and reducing conditions.

Flow Cytometry - This antibody can be used at 3 - 10 µg/10⁶ cells with an appropriate secondary antibody for indirect immunofluorescence staining of cells by flow cytometry.

Optimal dilutions should be determined by each laboratory for each application.