



Anti-human GM-CSF R α Antibody

ORDERING INFORMATION

Catalog Number: AF706

Lot Number: CCS01

Size: 100 μ g

Formulation: 0.2 μ m filtered solution in PBS

Storage: -20° C

Reconstitution: sterile PBS

Specificity: human GM-CSF R α

Immunogen: Sf 21-derived rhGM-CSF R α
extracellular domain

Ig Type: goat IgG

Applications: Western blot
Direct ELISA
Flow Cytometry

Preparation

Produced in goats immunized with purified, insect cell line Sf 21-derived, recombinant human granulocyte macrophage colony stimulating factor receptor alpha (rhGM-CSF R α) extracellular domain. GM-CSF R α specific IgG was purified by human GM-CSF R α affinity chromatography.

Formulation

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

Endotoxin Level

< 0.1 EU per 1 μ g 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 rhGM-CSF R α in direct ELISA and western blot assays.

Applications

Direct ELISA - This antibody can be used at 0.5 - 1.0 μ g/mL with the appropriate secondary reagents to detect human GM-CSF R α . The detection limit for rhGM-CSF R α is approximately 0.3 ng/well.

Western blot - the antibody can be used at 0.1 - 0.2 μ g/mL with the appropriate secondary reagents to detect human GM-CSF R α . The detection limit for rhGM-CSF R α is approximately 20 ng/lane under non-reducing and reducing conditions.

Flow Cytometry - This antibody can be used at 3 - 10 μ g/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.