LIFR/CD118 Rabbit mAb

Catalog No.: A25091 Recombinant



Basic Information

Observed MW

Refer to figures

Calculated MW

124kDa

Category

Primary antibody

Applications

FC,ELISA

Cross-Reactivity

Human

CloneNo number

ARC65282

Background

This gene encodes a protein that belongs to the type I cytokine receptor family. This protein combines with a high-affinity converter subunit, gp130, to form a receptor complex that mediates the action of the leukemia inhibitory factor, a polyfunctional cytokine that is involved in cellular differentiation, proliferation and survival in the adult and the embryo. Mutations in this gene cause Schwartz-Jampel syndrome type 2, a disease belonging to the group of the bent-bone dysplasias. A translocation that involves the promoter of this gene, t(5;8)(p13;q12) with the pleiomorphic adenoma gene 1, is associated with salivary gland pleiomorphic adenoma, a common type of benign epithelial tumor of the salivary gland. Multiple splice variants encoding two different isoforms have been found for this gene.

Recommended Dilutions

FC 1:500 - 1:1000

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID Swiss Prot 3977 P42702

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

SWS; SJS2; STWS; CD118; LIF-R; LIFR/CD118

Contact

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Product Information

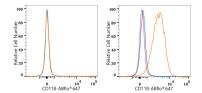
SourceIsotypePurificationRabbitIgGAffinity purification

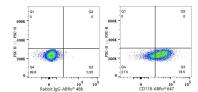
Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data





Flow cytometry: 1X10^6 REH cells (negative control,left) and HeLa cells (right) were surface-stained with LIFR/CD118 Rabbit mAb (A25091,2 μ g/mL,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 μ l/test,blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: $1X10^6$ HeLa cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 μ l/test,left) or LIFR/CD118 Rabbit mAb (A25091,2 μ g/mL,right).