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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
3977

Swiss Prot
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

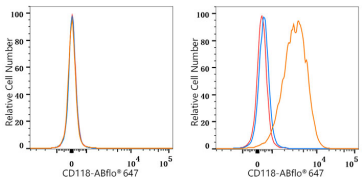
Source
Rabbit

Isotype
IgG

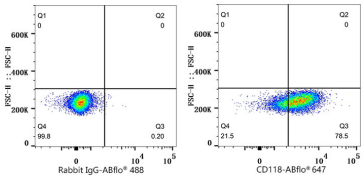
Purification
Affinity purification

Storage
Store at -20℃

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 µg/mL,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/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 µl/test,left) or LIFR/CD118 Rabbit mAb (A25091,2 µg/mL,right).