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Datasheet for ABIN7505850 anti-LIFR antibody

Image



## Overview

Quantity:	0.1 mg
Target:	LIFR
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LIFR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

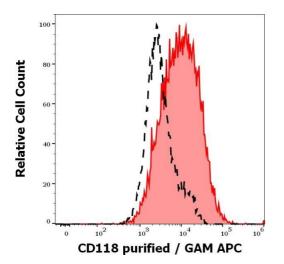
## Product Details

Purpose:	Anti-Hu CD118 Purified
Immunogen:	human recombinant soluble CD118-Fc
Clone:	12D3
Isotype:	lgG1 kappa
Specificity:	The mouse monoclonal antibody 12D3 recognizes an extracellular epitope of CD118, a transmembrane glycoprotein, which associates with CD130 to form the functional high affinity LIF receptor.
Purification:	Purified by protein-A affinity chromatography.
Target Details	
Target:	LIFR

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Target Details	
Alternative Name:	CD118 (LIFR Products)
Background:	LIF receptor subunit alpha,CD118 (LIFR alpha) is a type I transmembrane glycoprotein of the cytokine receptor family, which associates noncovalently with CD130 to form the functional high affinity LIF receptor, which also acts as an oncostatin M receptor. CD118 alone binds LIF with low affinity. A secreted form of CD118 results from alternative splicing, and may have inhibitory effect, as it also binds LIF, although with low affinity. CD118 is not expressed on lymphocytes, but it is widely expressed outside the immune system. Soluble CD118 level rises during pregnancy, in parallel with a drop in circulating LIF levels.,LIFR alpha, SWS, SJS2, STWSm, gp190
Gene ID:	3977
UniProt:	P42702
Pathways:	JAK-STAT Signaling, Growth Factor Binding
Application Details	
Application Notes:	Flow cytometry: Recommended dilution: 2-5 µg/mL.
Restrictions:	For Research Use only
Handling	
Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.

Images



## **Flow Cytometry**

**Image 1.** Separation of JAR cells stained using anti-human CD118 (12D3) purified antibody (concentration in sample 5 µg/mL, GAM APC, red-filled) from JAR cells unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining) of JAR cell suspension.

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