

Biotinylated Human FCRL2/IRTA4 Protein (Primary Amine Labeling)

Cat. No. FCR-HM102B

Description

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|-------------------------|---|
| Source | Recombinant Biotinylated Human FCRL2/IRTA4 Protein (Primary Amine Labeling) is expressed from HEK293 with His tag at the C-terminus. It contains Leu20-Val401. |
| Accession | Q96LA5-1 |
| Molecular Weight | The protein has a predicted MW of 42.7 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result. |
| Endotoxin | Less than 1EU per µg by the LAL method. |
| Purity | >95% as determined by Bis-Tris PAGE |

Formulation and Storage

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| Formulation | Supplied as 0.22 µm filtered solution in PBS (pH 7.4). |
| Storage | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

Background

Fc receptor-like 2 (FCRL2) is highly expressed on B-cell chronic lymphocytic leukemia (B-CLL) cells and could possibly influence disease pathogenesis. FCRL2 mRNA expression was found to be expressed at considerably higher levels in peripheral blood mononuclear cells (PBMC) of B-CLL patients compared to controls (range 1.35- to 210-fold upregulation; $P < 0.0001$) and cells of other hematological diseases.

Assay Data

Bis-Tris PAGE

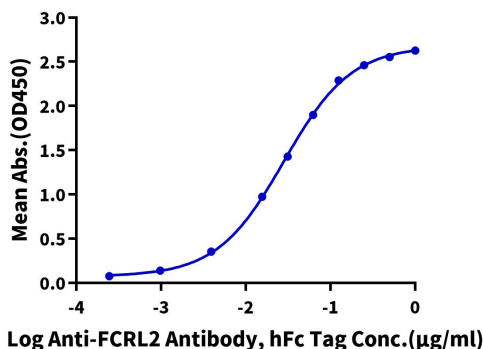


Biotinylated Human FCRL2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

Biotinylated Human FCRL2, His Tag ELISA

0.2µg Biotinylated Human FCRL2, His Tag Per Well



Immobilized Biotinylated Human FCRL2, His Tag at 2µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-FCRL2 Antibody, hFc Tag with the EC50 of 28.2ng/ml determined by ELISA (QC Test).