

Human FcRH5/FcRL5 Protein

Cat. No. FCR-HM101



Description

Source	Recombinant Human FcRH5/FcRL5 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln16-Gly851.
Accession	Q96RD9-1
Molecular Weight	The protein has a predicted MW of 92.38 kDa. Due to glycosylation, the protein migrates to 120-140 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

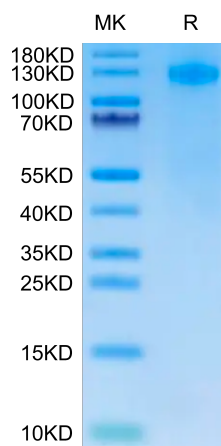
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

FcRH5 is a cell surface marker enriched on malignant plasma cells when compared to other hematologic malignancies and normal tissues. DFRF4539A is an anti-FcRH5 antibody-drug conjugated to monomethyl auristatin E (MMAE), a potent anti-mitotic agent.

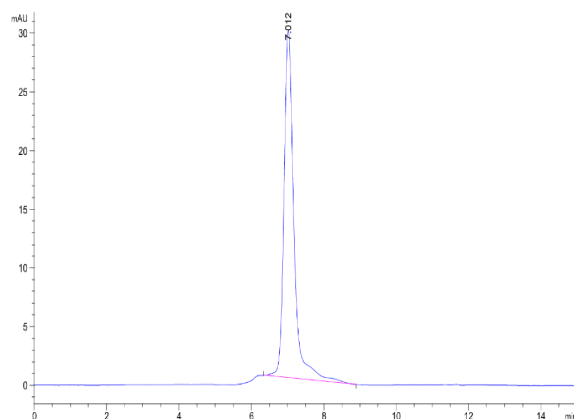
Assay Data

Bis-Tris PAGE



Human FcRH5 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Human FcRH5 is greater than 95% as determined by SEC-HPLC.

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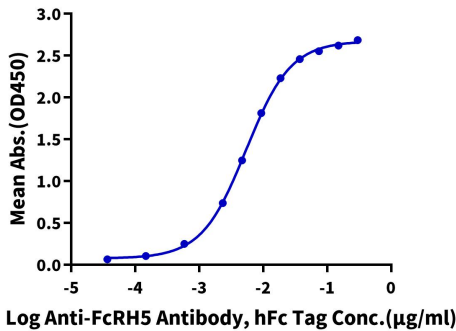


Assay Data

ELISA Data

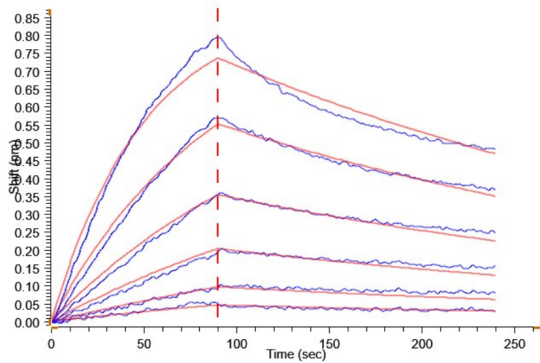
Human FcRH5, His Tag ELISA

0.1µg Human FcRH5, His Tag Per Well



Immobilized Human FcRH5, His Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Anti-FcRH5 Antibody, hFc Tag with the EC50 of 5.4 ng/ml determined by ELISA (QC Test).

BLI Data



Loaded Anti-FcRH5 Antibody, hFc Tag on ProA-Biosensor can bind Human FcRH5, His Tag with an affinity constant of 8.91 nM as determined in BLI assay (Gator® Prime).