

Rev04
 Update: Aug,20,2025

DATASHEET

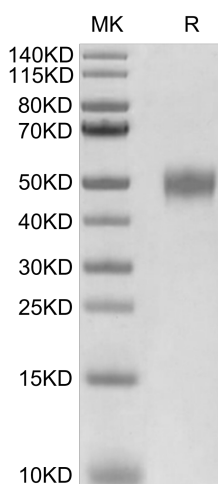
CD24 hFc Chimera, Human

Cat. No.: Z04175

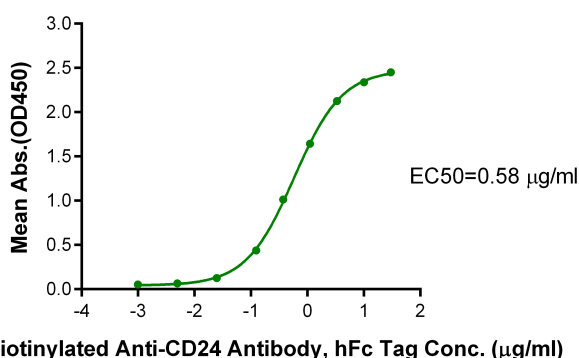
Product Introduction

Species	Human
Protein Construction	CD24 (Ser27-Gly59) Accession # P25063 hFc N-term C-term
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	29.9 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 45-55 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from a 0.22 µm filtered solution in PBS, (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable for 6 months at -20°C or below. Upon reconstitution, the product should be stable for 3 months at -80°C. Avoid repeated freeze-thaw cycles.

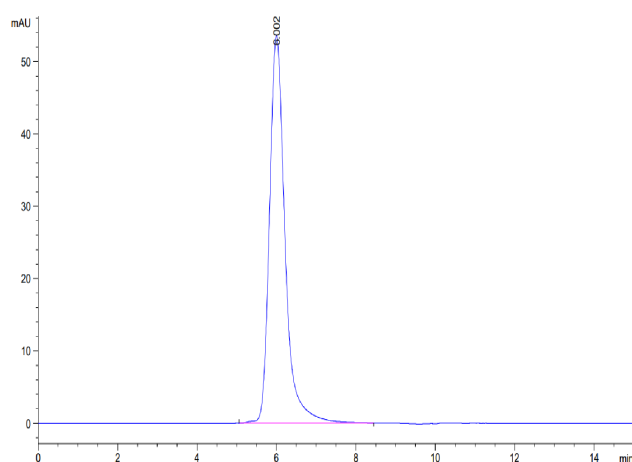
Examples



CD24 hFc Chimera, Human on Bis-Tris PAGE under reduced conditions. The purity is greater than 95%.



Immobilized CD24 hFc Chimera, Human , hFc Tag at 0.5 μg/ml (100 μl/well) on the plate. Dose response curve for Biotinylated Anti-CD24 Antibody, hFc Tag with the EC50 of 0.58 μg/ml determined by ELISA.



The purity of CD24 hFc Chimera, Human is greater than 95% as determined by SEC-HPLC.

Background

Target Background : CD24 is a sialoglycoprotein expressed at the surface of most B lymphocytes and differentiating neuroblasts. It is also expressed on neutrophils and neutrophil precursors from the myelocyte stage onwards. The potential for targeting CD24 in cancer therapy seems promising, as CD24 is overexpressed in many human cancers.

Synonyms : CD 24; CD24 molecule; CD24A; FLJ22950; FLJ43543; MGC75043

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