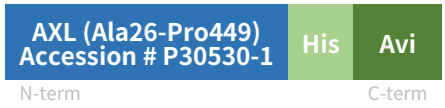
Rev04
Update: Aug,20,2025

DATASHEET

AXL[Biotin], His & Avi, Human

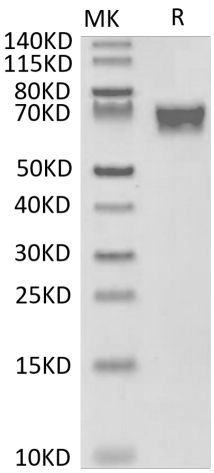
Cat. No.: Z04404

Product Introduction

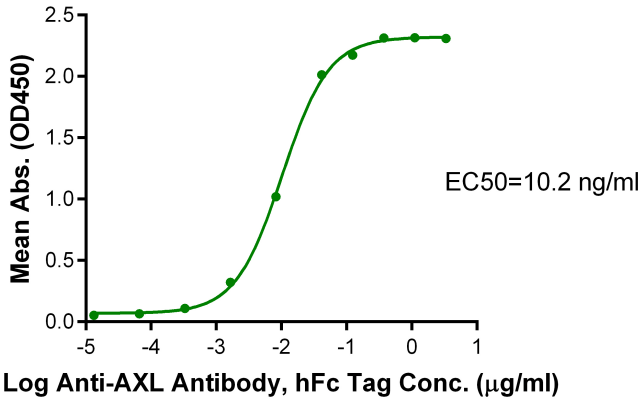
Species	Human
Protein Construction	
Conjugate	Biotin
Purity	> 95% as determined by BisTris PAGE
Endotoxin Level	Less than 1EU per μg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA.Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	48.7 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 70-80 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22μm 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

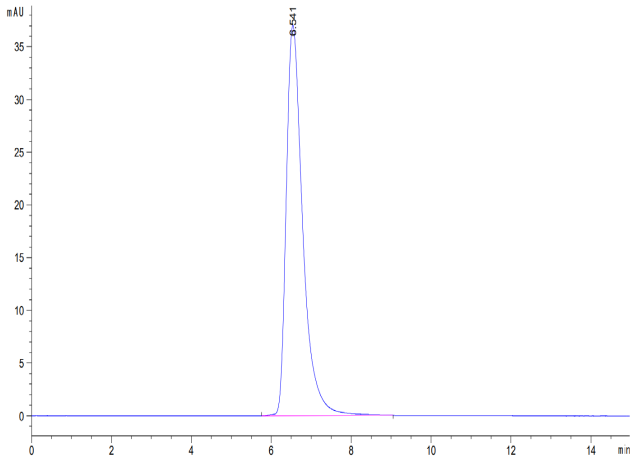
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Tel: 1-732-885-9188



AXL[Biotin], His & Avi, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



Immobilized AXL[Biotin], His & Avi, Human, His Tag at 2 μg/ml (100 μl/well) on the streptavidin precoated plate(5 μg/ml). Dose response curve for Anti-AXL Antibody, hFc Tag with the EC50 of 10.2 ng/ml determined by ELISA.



The purity of AXL[Biotin], His & Avi, Human is greater than 95% as determined by SEC-HPLC.

Background

Target Background : Axl, a member of the TAM (Tyro3, Axl, Mer) family, and its inhibitors can specifically break the kinase signaling nodes, allowing advanced patients to regain drug sensitivity with improved therapeutic efficacy. Overexpression and activation of Axl receptor tyrosine kinase have been widely accepted to promote cell proliferation, chemotherapy resistance, invasion, and metastasis in several human cancers, such as lung, breast, and pancreatic cancers.

Synonyms : Axl; UFO; AXL oncogene; AXL; ARK; JTK11; Tyro7; AI323647; EC 2.7.10; EC 2.7.10.1

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