Datasheet for ABIN7273883

**AXL Protein (Fc Tag,Biotin)**

**Overview**

- **Quantity:** 100 μg
- **Target:** AXL
- **Origin:** Human
- **Source:** HEK-293 Cells
- **Protein Type:** Recombinant
- **Purification tag / Conjugate:** This AXL protein is labelled with Fc Tag,Biotin.

**Product Details**

- **Sequence:** Ala26-Pro449
- **Purity:** > 95% as determined by Tris-Bis PAGE,> 95% as determined by HPLC
- **Sterility:** 0.22 μm filtered
- **Endotoxin Level:** Less than 1EU per μg by the LAL method.
- **Biological Activity Comment:** Immobilized Anti-Axl Antibody at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Human Axl, hFc Tag with the EC50 of 14.6ng/ml determined by ELISA. See testing image for detail.

**Target Details**

- **Target:** AXL
- **Alternative Name:** AXL ([AXL Products](https://www.antibodies-online.com))
- **Background:** Axl, UFO, AXL oncogene, AXL, ARK, JTK11, Tyro7, AI323647, EC 2.7.10, EC 2.7.10.1,Axl, a member of the TAM (Tyro3, Axl, Mer) family, and its inhibitors can specifically break the kinase
**Target Details**

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.

**Molecular Weight:** 72.6 kDa. Due to glycosylation, the protein migrates to 80-110 kDa based on Tris-Bis PAGE result.

**Pathways:** RTK Signaling, Cellular Response to Molecule of Bacterial Origin

**Application Details**

**Restrictions:** For Research Use only

**Handling**

**Format:** Liquid

**Buffer:** Supplied as 0.22μm filtered solution in PBS (pH 7.4).

**Storage:** -80 °C

**Storage Comment:** 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 do not repeated freeze-thaw cycles.

**Expiry Date:** 12 months

**Images**

ELISA

**Image 1.** Immobilized Anti-Axl Antibody at 0.5 μg/mL (100 μL/well) on the plate. Dose response curve for Biotinylated Human Axl, hFc Tag with the EC50 of 14.6 ng/mL determined by ELISA.
Image 2. Biotinylated Human Axl on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

Image 3. The purity of Biotinylated Human Axl is greater than 95% as determined by SEC-HPLC.