

## Affinity Biosciences website:www.affbiotech.com order:order@affbiotech.com

## AXL Ab

Images(1)

Cat.#: BF0290 Concn.: ~1mg/ml Mol.Wt.: 97.4kDa Size: Source: Mouse Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000, IF/ICC 1:200-1:1000

\*The optimal dilutions should be determined by the end user.

Reactivity: Human

Storage: Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH

7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.

Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human AXL expressed in E. Coli.

Uniprot: P30530

Description: The protein encoded by this gene is a member of the receptor tyrosine

kinase subfamily. Although it is similar to other receptor tyrosine kinases, the Axl protein represents a unique structure of the extracellular region that juxtaposes IgL and FNIII repeats. It transduce signals from the extracellular matrix into the cytoplasm by binding growth factors like vitamin K-dependent protein growth-arrest-specific gene 6. It is involved in the stimulation of cell proliferation. This receptor can also mediate cell

aggregation by homophilic binding. Axl is a chronic myelogenous leukemiaassociated oncogene and also associated with colon cancer and melanoma. It is in close vicinity to the bcl3 oncogene which is at 19q13.1-q13.2. The Axl

gene is evolutionarily conserved between vertebrate species.

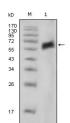


Figure 1: Western blot analysis using AXL mouse mAb against extracellular

domain of human AXL (aa19-444).

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween020 at  $4^{\circ}$ C with gentle shaking, overnight.

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