



**Category: Monoclonal Antibodies    Cat. #: MAB-606020332**

**Product Name: Mouse Monoclonal Antibody to AXL**

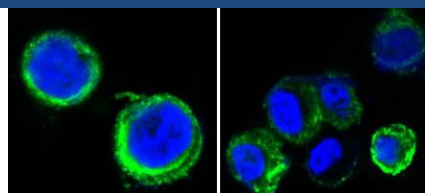


Figure 2: Confocal immunofluorescence analysis of methanol-fixed HEK293 cells transfected with AXL-hIgGFc using AXL mouse mAb (green), showing cytoplasmic and membrane localization. Blue: DRAQ5 fluorescent DNA dye.

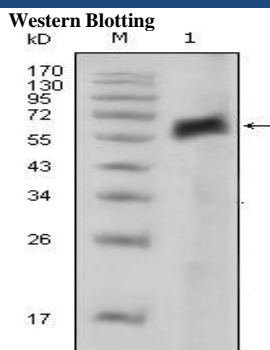


Figure 1: Western blot analysis using AXL mouse mAb against extracellular domain of human AXL (aa19-444).

Lot#:  
Clone#: 7E10  
Host and isotype: Mouse IgG1  
Size: 0.1ml  
MW: 97.4kDa  
Aliases: UFO; JTK11  
Entrez Gene: 558  
Species reactivity: Human

#### Description

AXL: AXL receptor tyrosine kinase, also known as UFO, JTK11. Entrez Protein NP\_001690. It is a member of the receptor tyrosine kinase subfamily. Although it is similar to other receptor tyrosine kinases, this protein represents a unique structure of the extracellular region that juxtaposes IgL and FNIII repeats. It transduces 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 and can also mediate cell aggregation by homophilic binding. Alternatively spliced transcript variants encoding different isoforms have been identified.

#### Immunogen

Purified recombinant extracellular fragment of human AXL fused with hIgGFc tag expressed in HEK293 cell line.

#### Applications

Western Blotting: 1/500 - 1/2000.

Immunofluorescence: 1/200 - 1/1000.

ELISA: Propose dilution 1/10000.

Not yet tested in other applications.

Determining optimal working dilutions by titration test.

#### Formulation

Ascitic fluid containing 0.03% sodium azide.

#### Storage

Store at 4°C, for long term storage, store at -20°C.

#### Related product

#### References

1. Br J Cancer. 2006 May 22;94(10):1446-51.
2. Proc Natl Acad Sci U S A. 2006 Apr 11;103(15):5799-804.

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