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# **Recombinant Robo1 Monoclonal Antibody**

catalog number: AN301931L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

Reactivity Human;

Immunogen Recombinant human Robo1 fragment

 Host
 Rabbit

 Isotype
 IgG, κ

 Clone
 A647

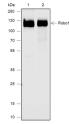
Purification Protein Apurified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

**WB** 1:1000

#### Data



Western Blot with Robo1 Monoclonal Antibody at dilution of

1:1000. Lane 1: HeLa, Lane 2: HepG2

Observed-MW:120 kDa Calculated-MW:181 kDa

## **Preparation & Storage**

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

## **Background**

ROBO1, also named as DUTT1, belongs to the immunoglobulin superfamily and ROBO family. It is a receptor for SLIT1 and SLIT2 which are thought to act as molecular guidance cue in cellular migration, including axonal navigation at the ventral midline of the neural tube and projection of axons to different regions during neuronal development. In axon growth cones, the silencing of the attractive effect of NTN1 by SLIT2 may require the formation of a ROBO1-DCC complex. It may be required for lung development.

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