

CHRDL1 monoclonal antibody

Catalog: MB0127

Host: Mouse IgG1

Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes an antagonist of bone morphogenetic protein 4. The encoded protein may play a role in topographic retinotectal projection and in the regulation of retinal angiogenesis in response to hypoxia. Alternatively spliced transcript variants encoding different isoforms have been described. Antagonizes the function of BMP4 by binding to it and preventing its interaction with receptors. Alters the fate commitment of neural stem cells from gliogenesis to neurogenesis. Contributes to neuronal differentiation of neural stem cells in the brain by preventing the adoption of a glial fate. May play a crucial role in dorsoventral axis formation. May play a role in embryonic bone formation By similarity. May also play an important role in regulating retinal angiogenesis through modulation of BMP4 actions in endothelial cells.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

Predicted band size: 57kDa

Observed band size: 57kDa

Swiss-Prot:

Q9BU40

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:1000

ICC: 1:300

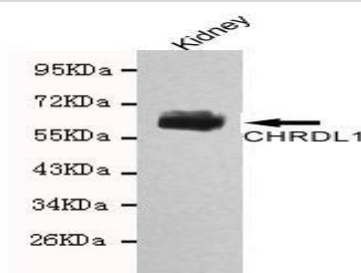
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

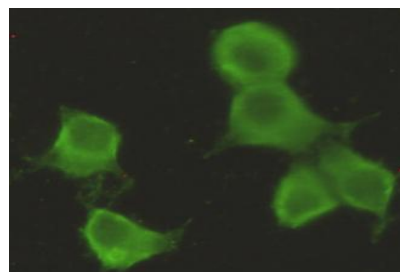
Specificity:

CHRDL1 mAb detects endogenous levels of CHRDL1 protein.

DATA:



Western blot detection of CHRDL1 in Rat kidney tissue lysates using CHRDL1 antibody (1:1000 diluted).



Immunocytochemistry stain of HeLa using CHRDL1 antibody (1:300).

Note:

For research use only, not for use in diagnostic procedure.

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