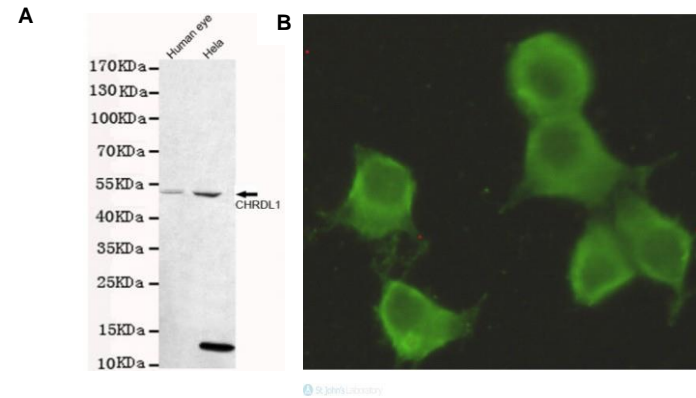


## Anti-CHRDL1 Antibody (3H1-F6-A10)

<b>CATALOG NO:</b>	A1625-100     100 µl
<b>ALTERNATE NAMES:</b>	Chordin-like protein 1, Neuralin-1, Neurogenesis-1, Ventrופן, NRLN1
<b>AMOUNT:</b>	100 µl
<b>IMMUNOGEN:</b>	Purified recombinant human CHRDL1 protein fragments expressed in <i>E.coli</i> .
<b>MOL. WEIGHT</b>	52 kDa
<b>HOST/ISOTYPE:</b>	Mouse IgG
<b>SPECIES REACTIVITY:</b>	Human
<b>SPECIFICITY:</b>	This antibody detects endogenous levels of CHRDL1 and does not cross-react with related proteins.
<b>PURIFICATION:</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using epitope-specific immunogen.
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
<b>STORAGE CONDITIONS:</b>	Store at -20°C. Avoid repeated freeze/thaw cycles.
<b>DESCRIPTION:</b>	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. May also play an important role in regulating retinal angiogenesis through modulation of BMP4 actions in endothelial cells. Plays a role during anterior segment eye development.
<b>APPLICATION:</b>	WB 1:500-1:2000 ELISA 1:10000-20000

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



**Fig.1. Western blot detection of CHRDL1 in human eye and HeLa cell lysates using CHRDL1 mouse mAb**

**Fig. 2. IF/ICC stain of HeLa using CHRDL1 mouse mAb**

**RELATED PRODUCTS:**

- GFAP Antibody (Cat. No. 3206)
- Vimentin Antibody (Cat. No. 3634)
- Fibronectin Antibody (Cat. No. 3630)
- FGF-2 Antibody (Cat. No. 5039)
- Anti-CD133 Antibody (Cat. No. A1622)
- Anti-CHRDL1 Antibody (Cat. No. A1623)

**FOR RESEARCH USE ONLY! Not to be used on humans.**