

# Anti-PLXDC2 (4G3) rabbit mAb Biotin Conjugate

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## #2535

Store at: 2-8°C

**For Research Use Only. Not For Use In Diagnostic Procedures.**

Applications	Detection	Clonality	Isotype
WB	Streptavidin	Monoclonal	Rabbit IgGk

**Format:** Biotin

**Cross Reactivity:** Predicted to work with mouse

**Formulation:** 1X PBS, 0.05% (w/v) Proclin300

**Preparation:** Ion Exchange

**Reactivity:** Human

**Recommended Usage:**  
ELISA 1:5000-10000  
Western blotting 1:1000-2000  
ICH 1:1000-2000

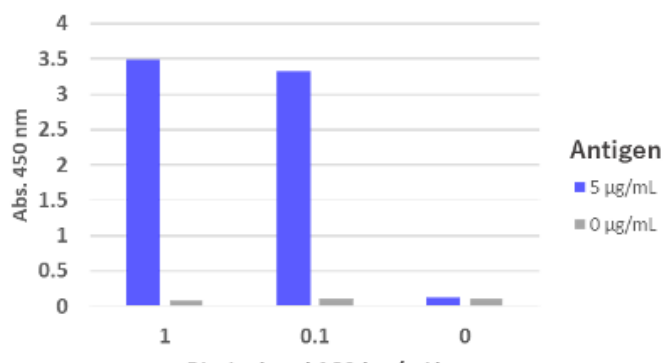
**Immunogen:** HEK293 cells expressing human PLXDC2

**Description:** N/A

**References:**

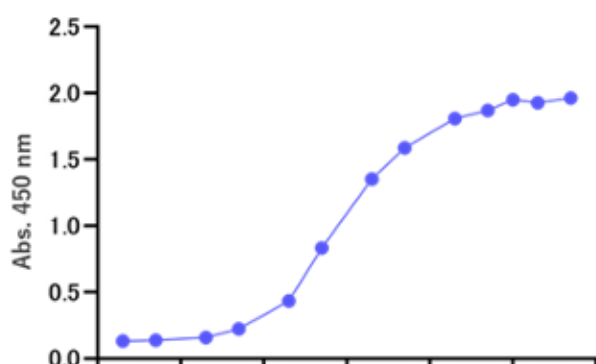
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## ELISA



Microtiter wells were coated with human PLXDC2-ECD (extracellular domain, truncated a transmembrane domain from PLXDC2) at 5 ug/mL. Anti-PLXDC2 (4G3) rabbit mAb Biotin Conjugate (Cat#2535) was diluted at 1 ug/mL and 0.1 ug/mL. Anti-PLXDC2 (4G3) rabbit mAb Biotin Conjugate show very specific binding to human PLXDC2-ECD antigen.

## Sandwich ELISA



A sandwich ELISA was performed using anti-PLXDC2 specific rabbit mAb: 3B8 (Cat#XXXX) as a capture antibody and 4G3-biotin (Cat#2535) as a detection antibody. Human PLXDC2-ECD#2631 was serially diluted 1:1 starting at 5 ug/mL. Anti-PLXDC2 rabbit mAb 3B8 and 4G3-biotin detected hPLXDC2-ECD antigen at very high sensitivity as low as 100 pg/mL.

hPLXDC2  
overexpression

- +



Western blot analysis of extracts from HEK293 cells, untransfected or transfected with human PLXDC2 gene, with anti-PLXDC2 (4G3) rabbit mAb Biotin Conjugate at 0.5 µg/mL Cat. #2535