

Anti-PLXDC2 (3B8) rabbit mAb Conformation specific

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#2631

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Applications	Detection	Clonality	Isotype
ELISA	Anti-Rabbit IgG	Monoclonal	Rabbit IgGk

Format: Unconjugated

Cross Reactivity: Predicted to work with mouse, rat and other homologues.

Formulation: 1xPBS, 0.05% (w/v) Proclin300

Preparation: Ion Exchange

Reactivity: Human

Recommended Usage: ELISA 1:5000~10000
Native-Western blotting, 1:1000-2000

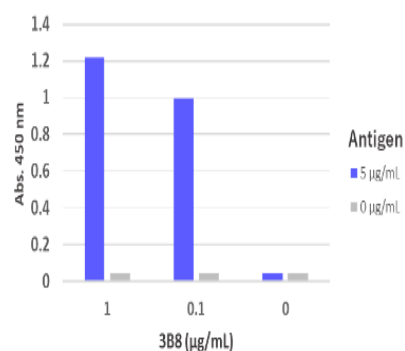
Immunogen: N/A

Description: N/A

References:

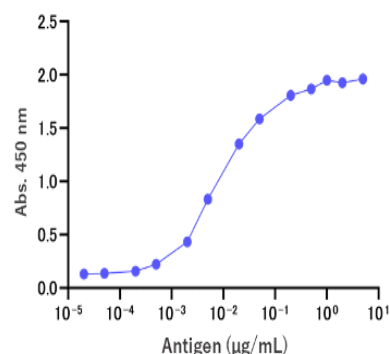
1. Tanaka Y et al 2021 bioRxiv Sep 27: 2021.09.27.461900v1.doi: 10.1101/2021.09.27.461900.
2. Cheng G et al. 2014 Elife. 3:e05401
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4. Großkopf AK et al. 2021 PLoS Pathog. 17(3):e1008979
5. O'Connell GC et al. 2017 Genom Data. Sep 14:47-52.
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ELISA



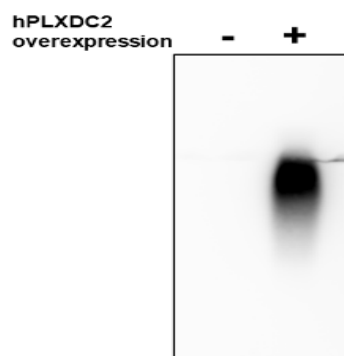
Microtiter wells were coated with human PLXDC2-ECD (extracellular domain, truncated a transmembrane domain from PLXDC2) at 5 ug/mL. Anti-PLXDC2 (3B8) rabbit mAb (Cat#2631) was diluted at 1 ug/mL and 0.1 ug/mL. Anti-PLXDC2 (3B8) rabbit mAb show very specific binding to human PLXDC2-ECD antigen.

Sandwich ELISA



A sandwich ELISA was performed using anti-PLXDC2 specific rabbit mAb: 3B8 (Cat#2631) as a capture antibody and 4G3-biotin (Cat#2535) as a detection antibody. Human PLXDC2-ECD 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.

Native-Western



Native-agarose-Western blot analysis of extracts from HEK293 cells, untransfected or transfected with human PLXDC2 gene, with anti-PLXDC2 (3B8) rabbit mAb at 0.5 µg/mL Cat. #2631