

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

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**Catalog:** #2535

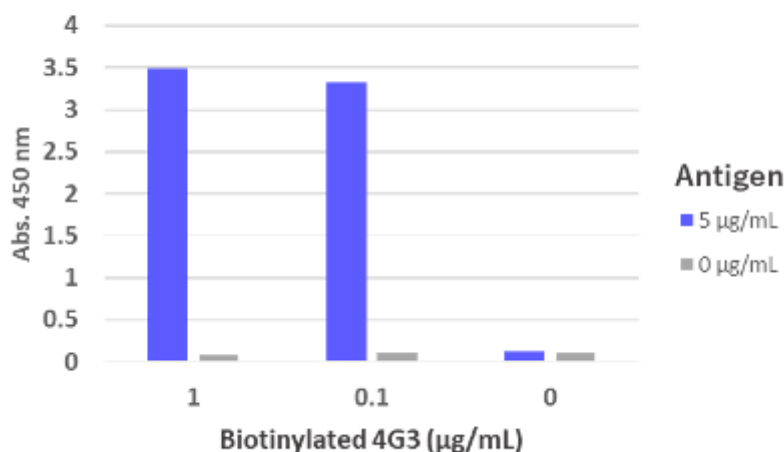
**Store at:** 2-8°C

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

Applications	Detection	Clonality	Isotype
WB	Streptavidin	Monoclonal	Rabbit IgGκ

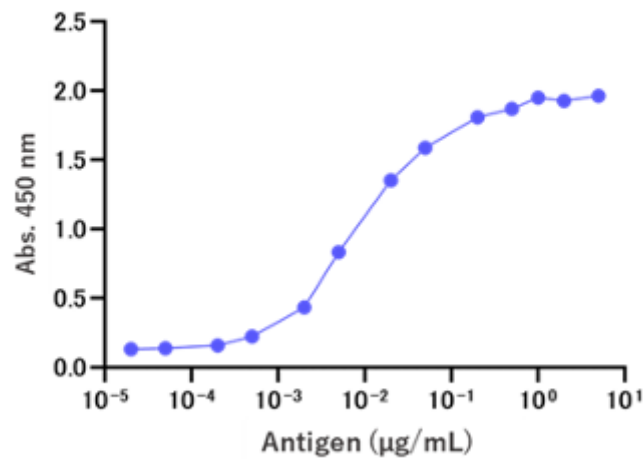
<b>Format:</b>	Biotin
<b>Cross Reactivity:</b>	Predicted to work with mouse
<b>Formulation:</b>	1X PBS, 0.05% (w/v) Proclin300
<b>Preparation:</b>	Ion Exchange
<b>Reactivity:</b>	Human
<b>Recommended Usage:</b>	ELISA 1:5000-10000 Western blotting 1:1000-2000 ICH 1:1000-2000
<b>Immunogen:</b>	HEK293 cells expressing human PLXDC2
<b>Description:</b>	
<b>References:</b>	<ol style="list-style-type: none"><li>1. Tanaka Y et al 2021 bioRxiv Sep 27: 2021.09.27.461900v1.doi: 10.1101/2021.09.27.461900.</li><li>2. Cheng G et al. 2014 Elife. 3:e05401</li><li>3. Bianchi E et al 2021 Nat Commun. 2021 12:1251.</li><li>4. Großkopf AK et al. 2021 PLoS Pathog. 17:e1008979</li><li>5. O'Connell GC et al. 2017 Genom Data. 14:47-52.</li><li>6. Tubau-Juni N, et al 2020 Sci. Rep. 10:11506.</li><li>7. Dislich B et al. 2015 Cell Proteomics. 10:2550-63.</li></ol>

## 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.

