

Product Datasheet

mGluR5 Antibody (1B3) H00002915-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00002915-M01

mGluR5 Antibody (1B3)

Product Information

Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1B3
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description

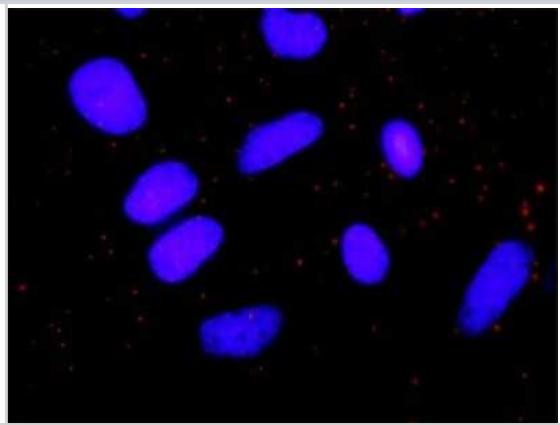
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	2915
Gene Symbol	GRM5
Species	Human
Specificity/Sensitivity	GRM5 - glutamate receptor, metabotropic 5 (1B3)
Immunogen	GRM5 (NP_000833, 419 a.a. ~ 518 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. CPGYAGLCDAMKPIDGRKLLESLMKTNFTGVSGDTILFDENGDSPGRYEIMNF KEMGKDYFDYINVGSWDNGELKMDDDEVWSKKSNIIRSVCSEPCEKG
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details

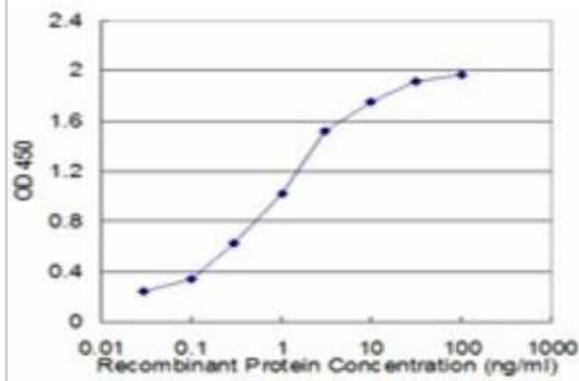
Applications	Western Blot, ELISA, Proximity Ligation Assay, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Proximity Ligation Assay, Sandwich ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

Images

Proximity Ligation Assay: mGluR5 Antibody (1B3) [H00002915-M01] - Analysis of protein-protein interactions between PRKCD and GRM5. HeLa cells were stained with anti-PRKCD rabbit purified polyclonal 1:1200 and anti-GRM5 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Sandwich ELISA: mGluR5 Antibody (1B3) [H00002915-M01] - Detection limit for recombinant GST tagged GRM5 is approximately 0.03ng/ml as a capture antibody.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Primary Antibodies are guaranteed for 1 year from date of receipt.

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