

For Research Use Only

OTX2 Recombinant monoclonal antibody

Catalog Number: 87372-1-RR



Basic Information

Catalog Number:

87372-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4323

GenBank Accession Number:

BC032579

GeneID (NCBI):

5015

UNIPROT ID:

P32243

Full Name:

orthodenticle homeobox 2

Calculated MW:

297 aa, 32 kDa

Observed MW:

31-35 kDa

Purification Method:

Protein A purification

CloneNo.:

252762H3

Recommended Dilutions:

WB: 1:5000-1:50000

IF/ICC: 1:250-1:1000

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : ARPE-19 cells, mouse retina tissue, rat retina tissue

IF/ICC : Y79 cells,

Background Information

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

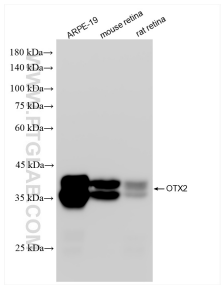
T: 4006900926

E: Proteintech-CN@ptglab.com

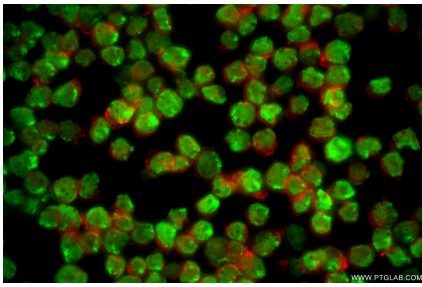
W: ptgcn.com

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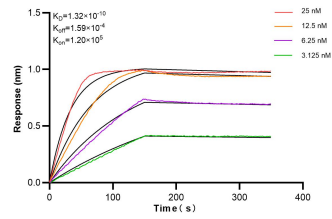
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87372-1-RR (OTX2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Y79 cells using OTX2 antibody (87372-1-RR, Clone: 252762H3) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 87372-1-RR against Human OTX2 were performed. The affinity constant is 0.132 nM.