

For Research Use Only

OTX2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87372-1-PBS



Basic Information

Catalog Number:

87372-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

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

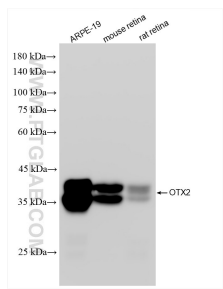
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

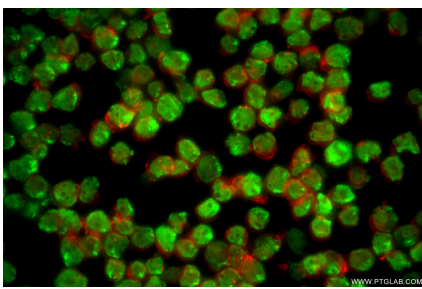
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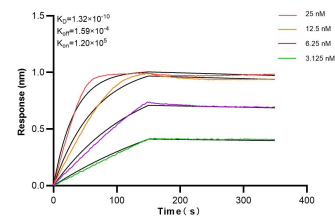
Selected Validation Data



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. This data was developed using the same antibody clone with 87372-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 87372-1-PBS in a different storage buffer formulation.



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