

For Research Use Only

EYA2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86046-2-PBS



Basic Information

Catalog Number: 86046-2-PBS	GenBank Accession Number: BC013882	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2139	CloneNo.: 250437D7
Source: Rabbit	UNIPROT ID: O00167	
Isotype: IgG	Full Name: eyes absent homolog 2 (Drosophila)	
Immunogen Catalog Number: AG29403	Calculated MW: 64 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications:
WB, Indirect ELISA
Species Specificity:
human

Background Information

EYA2, also named EAB1, belongs to the HAD-like hydrolase superfamily and EYA family. It coactivates SIX1. The Six1-EYA2 interaction may inhibit breast cancer progression. EYA2 is required for Six1-activated TGF-beta signaling. (PMID:21706047) It may be involved in the development of the eye. This protein has 3 isoforms produced by alternative splicing with the molecular weight of 59 kDa, 57 kDa, and 50 kDa. This recombinant antibody can not detect the modified isoform with the molecular weight of 70 kDa, compared with 11314-1-AP.

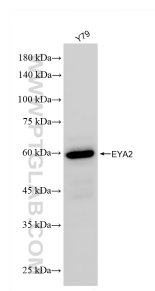
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

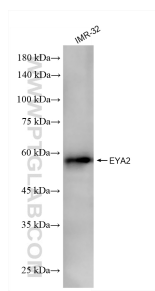
For technical support and original validation data for this product please contact:
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Selected Validation Data



Y79 cells were subjected to SDS PAGE followed by western blot with 86046-2-RR (EYA2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86046-2-PBS in a different storage buffer formulation.



IMR-32 cells were subjected to SDS PAGE followed by western blot with 86046-2-RR (EYA2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86046-2-PBS in a different storage buffer formulation.