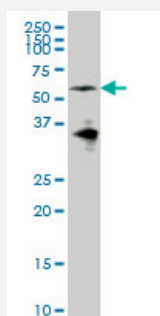


EYA2 monoclonal antibody (M04), clone 2F8

Catalog # H00002139-M04

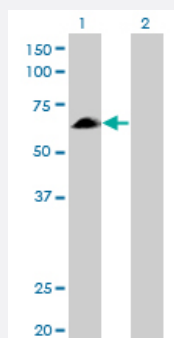
Size 100 ug

Applications



Western Blot (Cell lysate)

EYA2 monoclonal antibody (M04), clone 2F8 Western Blot analysis of EYA2 expression in IMR-32 (Cat # L008V1).

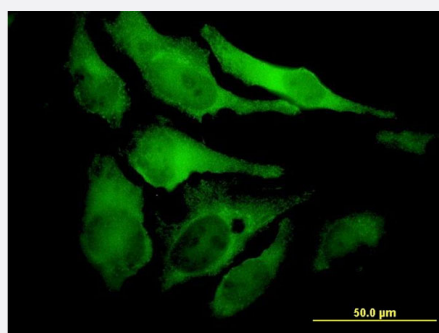


Western Blot (Transfected lysate)

Western Blot analysis of EYA2 expression in transfected 293T cell line by EYA2 monoclonal antibody (M04), clone 2F8.

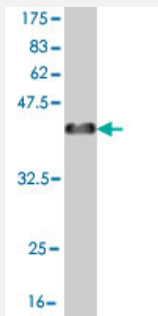
Lane 1: EYA2 transfected lysate(59.2 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of monoclonal antibody to EYA2 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.99 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant EYA2.
Immunogen	EYA2 (NP_742108, 164 a.a. ~ 271 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PASSICPSPLSTSTYVLQEASHNVPNQSSSESLAGEYNTHNGPSTPAKEGDTDRPHRASDGKLRG RSKRSSDPSPAGDNEIERVFVWDLDETIIIFHSLLTGTFASRYG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.99 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

EYA2 monoclonal antibody (M04), clone 2F8 Western Blot analysis of EYA2 expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of EYA2 expression in transfected 293T cell line by EYA2 monoclonal antibody (M04), clone 2F8.

Lane 1: EYA2 transfected lysate(59.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to EYA2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — EYA2

Entrez GeneID [2139](#)

GeneBank Accession# [NM_172110](#)

Protein Accession# [NP_742108](#)

Gene Name EYA2

Gene Alias EAB1, MGC10614

Gene Description eyes absent homolog 2 (Drosophila)

Omim ID [601654](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the eyes absent (EYA) family of proteins. The encoded protein may be post-translationally modified and may play a role in eye development. A similar protein in mice can act as a transcriptional activator. Alternative splicing results in multiple transcript variants, but the full-length nature of all of these variants has not yet been determined. [provided by RefSeq]

Other Designations OTTHUMP00000031666|eyes absent 2|translation of this uORF probably lowers the translation efficiency of EYA2

Publication Reference

- [A FBXO7/EYA2-SCF FBXW7 axis promotes AXL-mediated maintenance of mesenchymal and immune evasion phenotypes of cancer cells.](#)

Jia Z Shen, Zhixin Qiu, Qiulian Wu, Guoxin Zhang, Rebecca Harris, Dahui Sun, Juha Rantala, William D Barshop, Linjie Zhao, Deguan Lv, Kwang-Ai Won, James Wohlschlegel, Olle Sangfelt, Heike Laman, Jeremy N Rich, Charles Spruck.

Molecular Cell 2022 Mar; 82(6):1123.

Application: Co-IP, Human, HEK 293T (Bosc 23) cells

Disease

- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Tobacco Use Disorder](#)