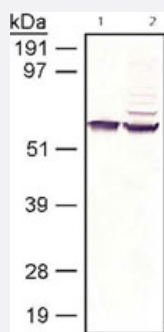


RPE65 monoclonal antibody, clone 401.8B11.3D9

Catalog # MAB2397

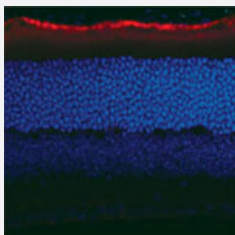
Size 200 uL

Applications



Western Blot

RPE65 detected in bovine and human samples using RPE65 monoclonal antibody, clone 401.8B11.3D9 (Cat # MAB2397). Lane 1 : bovine RPE membrane, lane 2 : recombinant human RPE transfected COS-7 cell lysate.



Immunohistochemistry

Immunohistochemical staining of RPE65 in mouse retina tissue using RPE65 monoclonal antibody, clone 401.8B11.3D9 (Cat # MAB2397).

Specification

Product Description	Mouse monoclonal antibody raised against native RPE65.
Immunogen	Native purified from bovine RPE microsomal membrane proteins.
Host	Mouse
Reactivity	Bovine, Human, Mouse, Pig
Specificity	This antibody is specific to RPE65.
Form	Liquid
Isotype	IgG1, kappa

Recommend Usage	Immunohistochemistry (Frozen sections) (1:250) Western Blot (1:5000-1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

RPE65 detected in bovine and human samples using RPE65 monoclonal antibody, clone 401.8B11.3D9 (Cat # MAB2397).
Lane 1 : bovine RPE membrane, lane 2 : recombinant human RPE transfected COS-7 cell lysate.

- Immunohistochemistry (Frozen sections)

- Immunohistochemistry

Immunohistochemical staining of RPE65 in mouse retina tissue using RPE65 monoclonal antibody, clone 401.8B11.3D9 (Cat # MAB2397).

- Immunocytochemistry

Gene Info — RPE65

Entrez GeneID	282043
Protein Accession#	Q28175
Gene Name	RPE65
Gene Alias	-
Gene Description	retinal pigment epithelium-specific protein 65kDa
Gene Ontology	Hyperlink
Other Designations	retinal pigment epithelium-specific protein (65kD)

Publication Reference

- [A survey of vitreous cell components performed using liquid-based cytology.](#)

Narumi M, Nishitsuka K, Yamakawa M, Yamashita H.

Acta Ophthalmologica 2015 Aug; 93(5):e386.

Application: ICC, Human, Retinal pigment epithelium cells

- [CD133 progenitor cells from the bone marrow contribute to retinal pigment epithelium repair.](#)

Harris JR, Fisher R, Jorgensen M, Kaushal S, Scott EW.

Stem Cells 2009 Feb; 27(2):457.

- [Characterization of a spontaneous mouse retinal pigment epithelial cell line B6-RPE07.](#)

Chen M, Muckersie E, Robertson M, Fraczek M, Forrester JV, Xu H.

Investigative Ophthalmology & Visual Science 2008 Aug; 49(8):3699.

Application: WB-Ce, Mouse, B6-RPE07 cells

- [Reactivation of uveitogenic T cells by retinal astrocytes derived from experimental autoimmune uveitis-prone B10R.III mice.](#)

Jiang G, Ke Y, Sun D, Han G, Kaplan HJ, Shao H.

Investigative Ophthalmology & Visual Science 2008 Jan; 49(1):282.

Application: IF, Mouse, Mouse retinal pigment epithelial (RPE) cells

- [Iron regulates L-cystine uptake and glutathione levels in lens epithelial and retinal pigment epithelial cells by its effect on cytosolic aconitase.](#)

Lall MM, Ferrell J, Nagar S, Fleisher LN, McGahan MC.

Investigative Ophthalmology & Visual Science 2008 Jan; 49(1):310.

Application: IF, IHC-P, Mouse, Mouse retina, retinal pigment epithelial (RPE) cells