

RPE65 Monoclonal Antibody (401.8B11.3D9), DyLight™ 488

Product Details	
Size	200 µL
Species Reactivity	Bovine, Dog, Chicken, Human, Mouse, Non-human primate, Pig, Rat, Xenopus
Published Species	Human
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	401.8B11.3D9
Conjugate	DyLight™ 488
Excitation/Emission Max	492/519 nm
Immunogen	Bovine RPE microsomal membrane proteins.
Form	Liquid
Concentration	0.85 mg/mL
Purification	Protein G
Storage buffer	50mM sodium borate
Contains	0.05% sodium azide
Storage conditions	4° C, store in dark
RRID	AB_11151857

Applications	Tested Dilution	Publications
Western Blot (WB)	1:5,000-1:10,000	-
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:250	-
Immunohistochemistry (Frozen) (IHC (F))	1:250	-
Immunocytochemistry (ICC/IF)	1:10-1:500	-
Flow Cytometry (Flow)	Assay-Dependent	-

Immunohistochemistry (1)

Science advances	Year 2021
<i>Alu</i> complementary DNA is enriched in atrophic macular degeneration and triggers retinal pigmented epithelium toxicity via cytosolic innate immunity.	Species Human
"MA5-16042 was used in Immunohistochemistry to elucidate the mechanism of Alu cDNA-induced cytotoxicity and its relevance to human disease."	Dilution 1:250
Authors: Fukuda S,Narendran S,Varshney A,Nagasaka Y,Wang SB,Ambati K,Apicella I,Pereira F,Fowler BJ,Yasuma T, Hirahara S,Yasuma R,Huang P,Yerramothu P,Makin RD,Wang M,Baker KL,Marion KM,Huang X,Baghdasaryan E, Ambati M,Ambati VL,Banerjee D,Bonilha VL,Tolstonog GV,Held U,Ogura Y,Terasaki H,Oshika T,Bhattarai D,Kim KB, Feldman SH,Aguirre JI,Hinton DR,Kerur N,Sadda SR,Schumann GG,Gelfand BD,Ambati J	

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