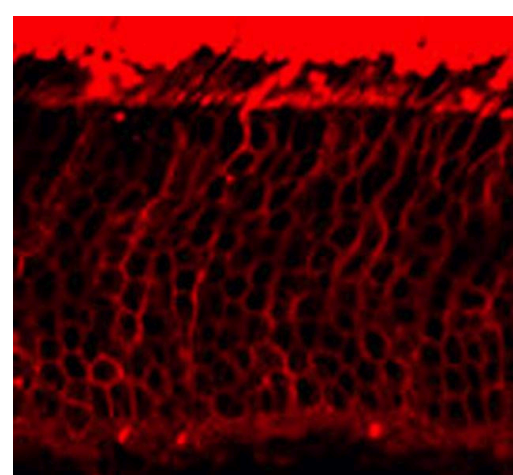


Rhodopsin Monoclonal Antibody (1D4)

Product Details	
Size	100 µL
Species Reactivity	Bovine, Human, Mouse, Rat
Published Species	Pig, Mouse, Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	1D4
Conjugate	Unconjugated
Immunogen	Bovine rhodopsin.
Form	Liquid
Purification	purified
Storage buffer	HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	no preservative
Storage conditions	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C
RRID	AB_2539827

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	1 Publication
Immunohistochemistry (IHC)	Assay-dependent	1 Publication
Immunohistochemistry (Frozen) (IHC (F))	-	1 Publication

Product Images For Rhodopsin Monoclonal Antibody (1D4)



Rhodopsin Antibody (P21940) in IHC

Immunohistochemical staining of a mouse retinal section showing specific immunolabeling of the rhodopsin protein in the rod sperules. Photo courtesy of Mary Raven, University of California, Santa Barbara, CA.

Western Blot (1)

Biochemistry A G Protein-Coupled Receptor Dimerization Interface in Human Cone Opsins. "P21940 was used in western blot to study the dimerization affinity and binding interface of human cone opsins" Authors: Jastrzebska B,Comar WD,Kaliszewski MJ,Skinner KC,Torcasio MH,Esway AS,Jin H,Palczewski K,Smith AW	Year 2017 Species Human
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Immunohistochemistry (1)

EMBO molecular medicine Novel AAV capsids for intravitreal gene therapy of photoreceptor disorders. "P21940 was used in Immunohistochemistry-immunofluorescence to report the development of novel engineered rAAV vectors that enable efficient targeting of photoreceptors via less invasive intravitreal administration." Authors: Pavlou M,Schön C,Occelli LM,Rossi A,Meumann N,Boyd RF,Bartoe JT,Siedlecki J,Gerhardt MJ,Babutzka S,Bogedein J,Wagner JE,Priglinger SG,Biel M,Petersen-Jones SM,Büning H,Michalakakis S	Year 2021 Species Mouse Dilution 1:500
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Immunohistochemistry (Frozen) (1)

Translational vision science & technology Progression of Pro23His Retinopathy in a Miniature Swine Model of Retinitis Pigmentosa. "P21940 was used in immunohistochemistry - frozen section to examine pathogenesis in Filial 1 progeny of a transgenic founder mini swine exhibiting severe Pro23His retinopathy" Authors: Scott PA,de Castro JP,DeMarco PJ,Ross JW,Njoka J,Walters E,Prather RS,McCall MA,Kaplan HJ	Year 2017 Species Pig Dilution 1:1,000
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