

Anti-Rhodopsin Antibody (5W703)

Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Human)
Molecular Weight:	Theoretical: 39 kDa. Actual: 39 kDa.
Clone:	5W703
Purification:	Protein A purified

Applications

Verified Activity:	1. Western blot analysis of rat eyeball lysate. Using Rhodopsin (TMAB-12244) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min. 2. Paraformaldehyde-fixed, paraffin embedded Rat Eye; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Rhodopsin Monoclonal Antibody, Unconjugated (TMAB-12244) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:50-200; IHC-Fr: 1:50-200; IF: 1:50-200

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human Rhodopsin
Antigen Species:	Human
Gene ID:	6010
Uniprot ID:	P08100

Research Background

Photoreceptor required for image-forming vision at low light intensity. Light-induced isomerization of the chromophore 11-cis-retinal to all-trans-retinal triggers a conformational change that activates signaling via G-proteins.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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