

Datasheet

RHO monoclonal antibody, clone 1D4

Catalog Number: MAB8559

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against full length native RHO.

Clone Name: 1D4

Immunogen: Native purified bovine RHO.

Host: Mouse

Reactivity: Bovine, Mammals

Applications: ELISA, ICC, IHC, IP, WB

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody is specific to RHO.

Form: Liquid

Recommend Usage: Western Blot (1:1000)

Immunoprecipitation (1-2 ug/100-500 ug protein)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH7.4 (50% glycerol, 0.09% sodium azide)

Storage Instruction: Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 509933

Gene Symbol: RHO

Gene Alias: -

References:

1. Covalent bond between ligand and receptor required for efficient activation in rhodopsin. Matsuyama T,

Yamashita T, Imai H, Shichida Y. J Biol Chem. 2010 Mar 12;285(11):8114-21. Epub 2009 Dec 30.

2. Helix formation in arrestin accompanies recognition of photoactivated rhodopsin. Feuerstein SE, Pulvermuller A, Hartmann R, Granzin J, Stoldt M, Henklein P, Ernst OP, Heck M, Willbold D, Koenig BW. Biochemistry. 2009 Nov 17;48(45):10733-42.

3. Retinitis pigmentosa associated with rhodopsin mutations: Correlation between phenotypic variability and molecular effects. Iannaccone A, Man D, Waseem N, Jennings BJ, Ganapathiraju M, Gallaher K, Reese E, Bhattacharya SS, Klein-Seetharaman J. Vision Res. 2006 Dec;46(27):4556-67. Epub 2006 Oct 2.