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Datasheet

Glo1 monoclonal antibody, clone 6F10

Catalog Number: MAB6768

Regulation Status: For research use only (RUO)

Product Description: Rat monoclonal antibody raised against full length recombinant Glo1.

Clone Name: 6F10

Immunogen: Recombinant GST fusion protein corresponding to full length mouse Glo1.

Host: Rat

Reactivity: Human,Monkey,Mouse

Applications: ELISA, ICC, IF, WB-Ce
(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 Glo1.

Form: Liquid

Isotype: IgG2b, kappa

Recommend Usage: Western Blot (1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (50% glycerol)

Storage Instruction: Store at -20°C. For long term storage store at -80°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 109801

Gene Symbol: Glo1

Gene Alias: 0610009E22Rik, 1110008E19Rik, 2510049H23Rik, AW550643, GLY1, Glo-1, Glo-1r, Glo-1s, Glo1-r, Glo1-s, Qglo

References:

1. Glyoxalase 1 and glutathione reductase 1 regulate anxiety in mice. Hovatta I, Tennant RS, Helton R, Marr RA, Singer O, Redwine JM, Ellison JA, Schadt EE, Verma IM, Lockhart DJ, Barlow C. Nature. 2005 Dec 1;438(7068):662-6. Epub 2005 Oct 23.
2. Proteomic studies identified a single nucleotide polymorphism in glyoxalase I as autism susceptibility factor. Junaid MA, Kowal D, Barua M, Pullarkat PS, Sklower Brooks S, Pullarkat RK. Am J Med Genet A. 2004 Nov 15;131(1):11-7.
3. Role for glyoxalase I in Alzheimer's disease. Chen F, Wollmer MA, Hoerndli F, Munch G, Kuhla B, Rogaev EI, Tsolaki M, Papassotiropoulos A, Gotz J. Proc Natl Acad Sci U S A. 2004 May 18;101(20):7687-92. Epub 2004 May 5.