

Monoclonal Anti- PiggyBac transposable element-derived protein 5, PGBD5

Catalog# BMA1035

Lot # Check on the product label

Size 100 µg

Isotype IgG1

Clone # P37

Host Mouse

Reactivity

Human, mouse

Product Form Liquid

Purification Protein A purified

Immunogen

A synthetic peptide (conjugated with KLH) corresponding to the N-terminal of human PGBD5.

Recommend Application

Western Blot, WB (1:500-1:2,000)

Immunohistochemistry, IHC-P (100-1:400)

Immunocytochemistry, ICC (1:100-1:500)

Other applications have not been tested.

The optimal dilutions should be determined by end user.

Storage Buffer

1*PBS (pH7.4), 0.2% BSA, 40% Glycerol and 0.05% Sodium Azide.

Storage Instruction

Store at 4°C after thawing (1 week).

Aliquot and store at -20°C for long term (at least one year).

Avoid repeated freeze and thaw cycles.

Background

PiggyBac transposable element-derived protein 5 (PGBD5) is a single-pass

membrane protein that composed of 445 amino acid, which is a member of the PGBD family. The piggyBac family of proteins, found in diverse animals, are transposases related to the transposase of the canonical piggyBac transposon from the moth, *Trichoplusia ni*.

Reference

1. Conduct disorder and ADHD: evaluation of conduct problems as a categorical and quantitative trait in the international multicentre ADHD genetics study. Anney RJ, et al. Am J Med Genet B Neuropsychiatr Genet, 2008 Dec 5. PMID 18951430.

2. Complete sequencing and characterization of 21, 243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.

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Chongqing Biospes Co., Ltd Tel: +86-23-67567091 Fax: +86-23-67745923

7F, Bldg B, High-tech Venture Park, # 107 Erlang Chuangye Rd, Jiulongpo District, Chongqing, 400039, China

www.biospes.com