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Product datasheet for TA810380BM

PGBD3 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI4G9]

Product data:

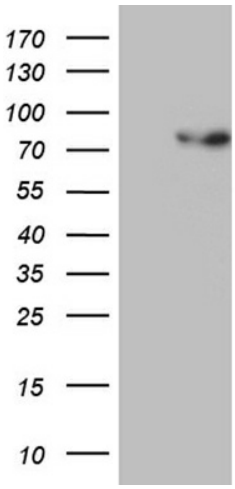
Product Type:	Primary Antibodies
Clone Name:	OTI4G9
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 313-593 of human PGBD3 (NP_736609) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	HRP
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	67.4 kDa
Gene Name:	piggyBac transposable element derived 3
Database Link:	NP_736609 Entrez Gene 267004 Human Q8N328

View online »

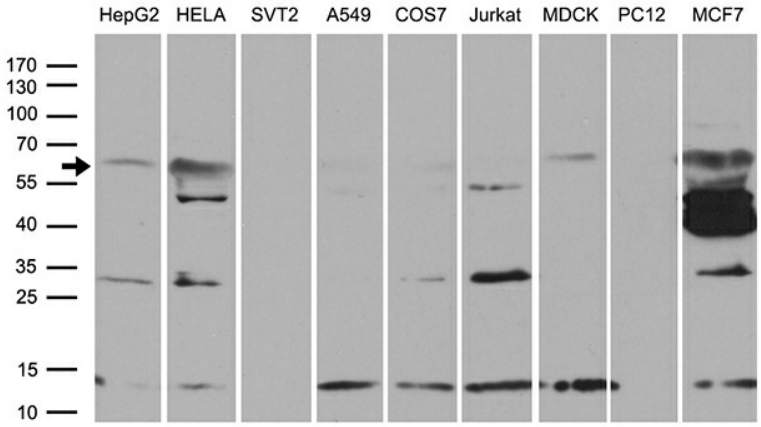
Background: This gene is a member of a small family of genes derived from piggyBac transposable elements. The encoded protein contains a zinc-ribbon domain characteristic of transposon-derived proteins and may function as a regulator of transcription. Naturally-occurring readthrough transcription occurs between this gene and the adjacent ERCC6 gene (GeneID 2074), and results in a fusion protein that shares sequence with the product of each individual gene. The readthrough locus is represented by GeneID:101243544. There are several pseudogenes for this gene on chromosomes 4, 5 and 12. [provided by RefSeq, Mar 2013]

Synonyms: FLJ90201

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY PGBD3 (Cat# [RC208977], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PGBD3 (Cat# [TA810380])(1:2000). Positive lysates [LY406870] (100ug) and [LC406870] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PGBD3 monoclonal antibody (1:500).