

Product datasheet for **CF810308**

PGBD3 Mouse Monoclonal Antibody [Clone ID: OTI3H1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3H1
Applications:	WB
Recommended Dilution:	WB 1:2000
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:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	piggyBac transposable element derived 3
Database Link:	NP_736609 Entrez Gene 267004 Human Q8N328



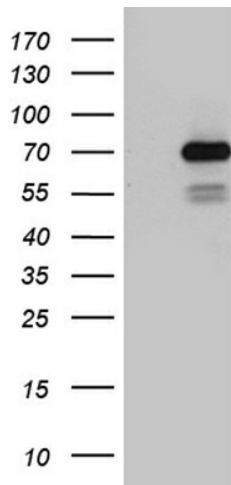
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Background:

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. Alternative splicing occurs between a splice site from exon 5 of the adjacent upstream gene 'excision repair cross-complementation group 6' (ERCC6, GenelD: 2074) and the 3' splice site upstream of the open reading frame (ORF) of this gene, which activates the alternative polyadenylation site downstream of the piggyback-derived-3 ORF. The resulting transcripts encode a fusion protein that shares sequence with the product of each individual gene. Pseudogenes for this gene are defined on chromosomes 4, 5 and 12. [provided by RefSeq, Mar 2016]

Synonyms:

FLJ90201

Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PGBD3 ([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 (1:2000). Positive lysates [LY406870] (100ug) and [LC406870] (20ug) can be purchased separately from OriGene.