

## Product datasheet for **CF810383**

### **PGBD3 Mouse Monoclonal Antibody [Clone ID: OTI1F4]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI1F4
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB 1:2000
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Human recombinant protein fragment corresponding to amino acids 313-593 of human PGBD3 (NP_736609) produced in E.coli.
<b>Formulation:</b>	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
<b>Reconstitution Method:</b>	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)
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	piggyBac transposable element derived 3
<b>Database Link:</b>	<a href="#">NP_736609</a> <a href="#">Entrez Gene 267004 Human</a> <a href="#">Q8N328</a>



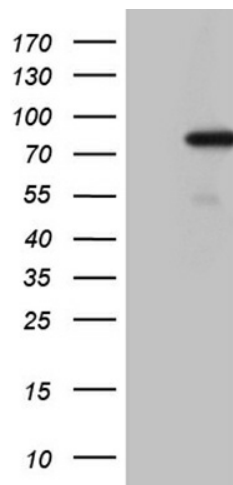
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**Background:**

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. 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 (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.