

## Product datasheet for **CF501616**

### **PBP (PEBP1) Mouse Monoclonal Antibody [Clone ID: OTI2D4]**

#### **Product data:**

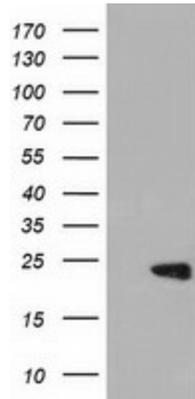
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI2D4
<b>Applications:</b>	IF, WB
<b>Recommended Dilution:</b>	WB 1:2000 IF 1:250
<b>Reactivity:</b>	Human, Mouse
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human PEBP1 (NP_002558) produced in HEK293T cell.
<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>Predicted Protein Size:</b>	21.0 kDa
<b>Gene Name:</b>	phosphatidylethanolamine binding protein 1
<b>Database Link:</b>	<a href="#">NP_002558</a> <a href="#">Entrez Gene 23980 Mouse</a> <a href="#">Entrez Gene 5037 Human</a> <a href="#">P30086</a>
<b>Background:</b>	Binds ATP, opioids and phosphatidylethanolamine. Has lower affinity for phosphatidylinositol and phosphatidylcholine. Serine protease inhibitor which inhibits thrombin, neuropsin and chymotrypsin but not trypsin, tissue type plasminogen activator and elastase



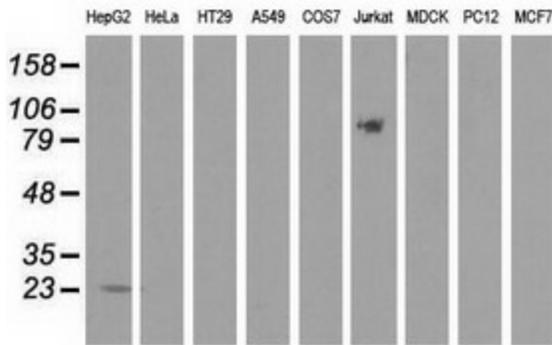
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Synonyms: HCNP; HCNPpp; HEL-210; HEL-S-34; HEL-S-96; PBP; PEBP; PEBP-1; RKIP

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY PEBP1 (Cat# [RC206355], 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-PEBP1(Cat# [TA501616]). Positive lysates [LY400913] (100ug) and [LC400913] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PEBP1 monoclonal antibody.