

## Product datasheet for **CF800155**

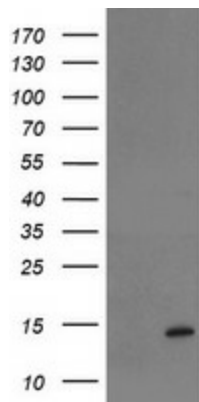
### TPRKB Mouse Monoclonal Antibody [Clone ID: OTI3E3]

#### Product data:

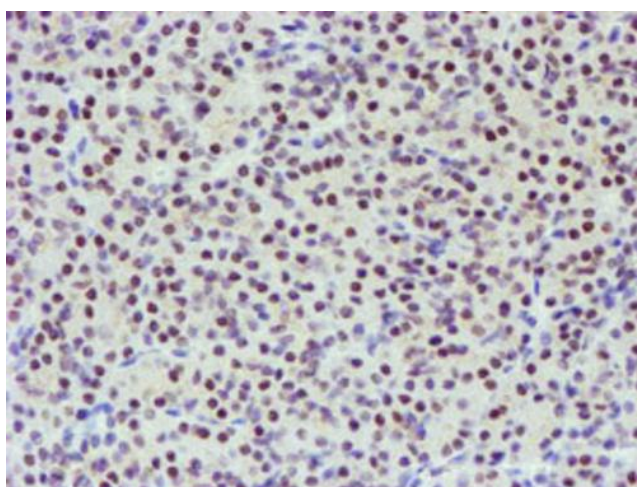
Product Type:	Primary Antibodies
Clone Name:	OTI3E3
Applications:	FC, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150, FLOW 1:100
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human TPRKB (NP_057142) produced in E.coli.
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.
Predicted Protein Size:	19.5 kDa
Gene Name:	TP53RK binding protein
Database Link:	<a href="#">NP_057142</a> <a href="#">Entrez Gene 69786 Mouse</a> <a href="#">Entrez Gene 51002 Human</a> <a href="#">Q9Y3C4</a>
Synonyms:	CGI-121; CGI121



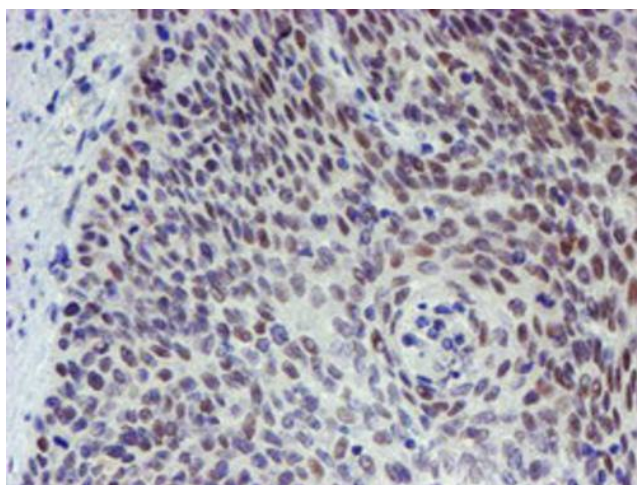
[View online »](#)

**Product images:**

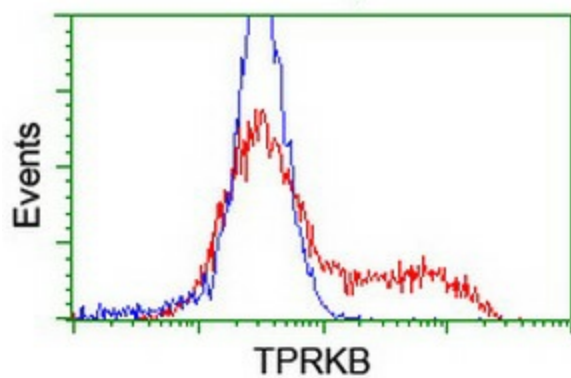
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TPRKB ([RC206008], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TPRKB. Positive lysates [LY414223] (100ug) and [LC414223] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-TPRKB mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA800155])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-TPRKB mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA800155])



HEK293T cells transfected with either [RC206008] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-TPRKB antibody ([TA800155]), and then analyzed by flow cytometry.