

## Product datasheet for **CF809923**

### TAT Mouse Monoclonal Antibody [Clone ID: OTI3G6]

#### Product data:

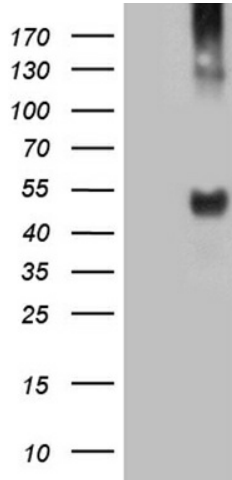
Product Type:	Primary Antibodies
Clone Name:	OTI3G6
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human TAT (NP_000344) produced in HEK293T cell.
Formulation:	Lyophilized 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:	50.2 kDa
Gene Name:	tyrosine aminotransferase
Database Link:	<a href="#">NP_000344</a> <a href="#">Entrez Gene 24813 Rat</a> <a href="#">Entrez Gene 234724 Mouse</a> <a href="#">Entrez Gene 6898 Human</a> <a href="#">P17735</a>
Synonyms:	cytosolic; tyrosine aminotransferase
Protein Families:	Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS



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**Protein Pathways:**

Cysteine and methionine metabolism, Metabolic pathways, Phenylalanine, tyrosine and tryptophan biosynthesis, Phenylalanine metabolism, Tyrosine metabolism, Ubiquinone and other terpenoid-quinone biosynthesis

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY TAT (Cat# [RC216782], 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-TAT (Cat# [TA809923])(1:2000). Positive lysates [LY424771] (100ug) and [LC424771] (20ug) can be purchased separately from OriGene.