

## Product datasheet for **TA500816M**

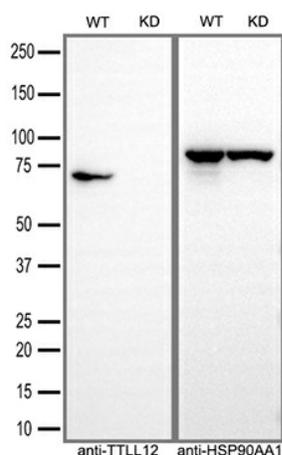
### **TTL12 Mouse Monoclonal Antibody [Clone ID: OTI6E4]**

#### **Product data:**

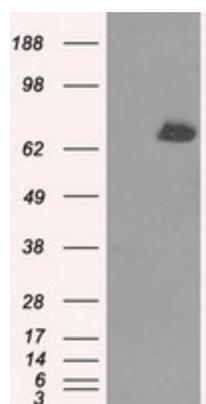
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI6E4
<b>Applications:</b>	FC, IF, IHC, WB
<b>Recommended Dilution:</b>	WB 1:2000, IHC 1:50, IF 1:100, Flow 1:100
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human TTL12 (NP_055955) produced in HEK293T cell.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	0.8 mg/ml
<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>	74.4 kDa
<b>Gene Name:</b>	tubulin tyrosine ligase like 12
<b>Database Link:</b>	<a href="#">NP_055955</a> <a href="#">Entrez Gene 300105 Rat</a> <a href="#">Entrez Gene 23170 Human</a> <a href="#">Q14166</a>
<b>Synonyms:</b>	dj526i14.2



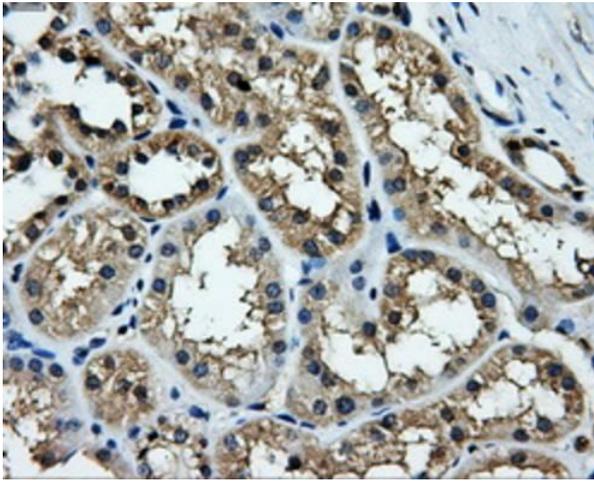
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**Product images:**


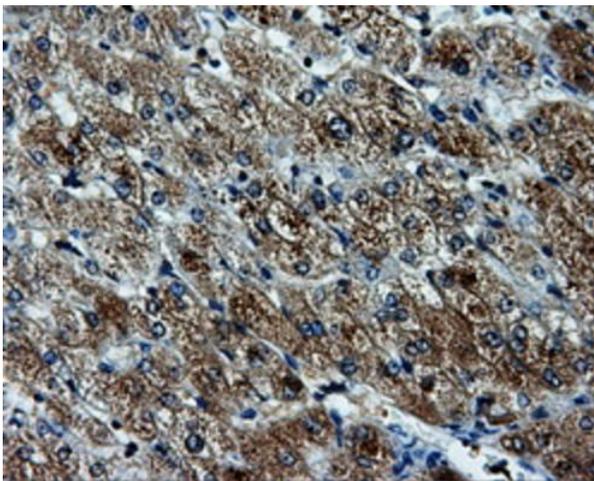
Equivalent amounts of cell lysates (30 ug per lane) of wild-type HeLa cells(WT) and TLL12-Knockdown HeLa cells(KD) were separated by SDS-PAGE and immunoblotted with anti-TLL12 monoclonal antibody [TA500816](1:2500).Then the blotted membrane was stripped and reprobed with anti-HSP90AA1 antibody as a loading control.



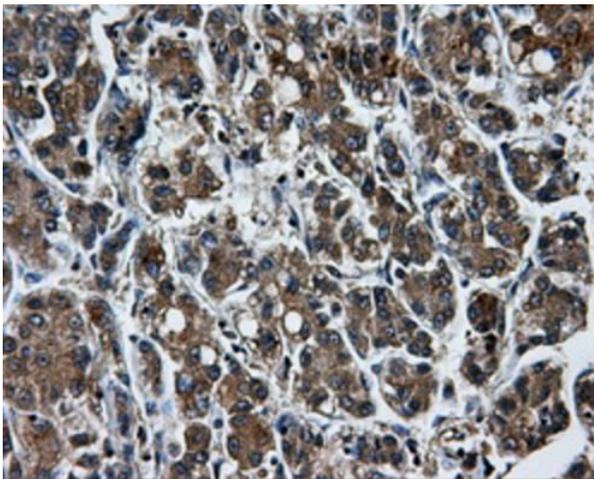
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TLL12 ([RC200841], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TLL12. Positive lysates [LY402417] (100ug) and [LC402417] (20ug) can be purchased separately from OriGene.



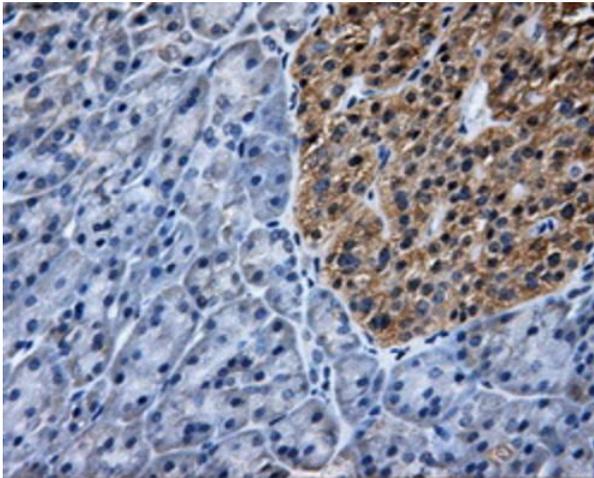
Immunohistochemical staining of paraffin-embedded Kidney tissue within the normal limits using anti-TLL12 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



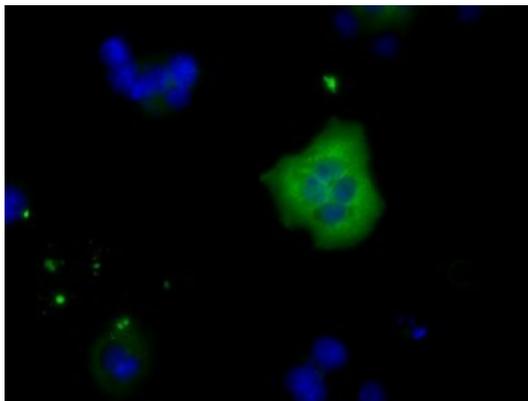
Immunohistochemical staining of paraffin-embedded liver tissue within the normal limits using anti-TLL12 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



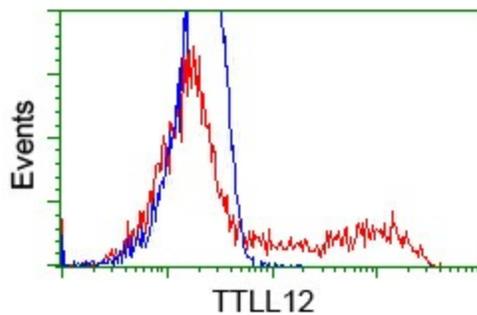
Immunohistochemical staining of paraffin-embedded Carcinoma of liver tissue using anti-TLL12 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



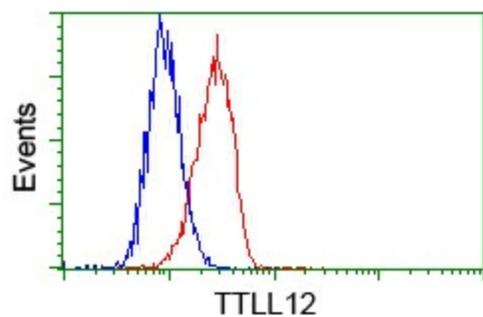
Immunohistochemical staining of paraffin-embedded pancreas tissue within the normal limits using anti-TTLL12 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Anti-TTLL12 mouse monoclonal antibody ([TA500816]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY TTLL12 ([RC200841]).



HEK293T cells transfected with either pCMV6-ENTRY TTLL12 ([RC200841]) (Red) or empty vector control plasmid (Blue) were immunostained with anti-TTLL12 mouse monoclonal ([TA500816]), and then analyzed by flow cytometry.



Flow cytometric analysis of HeLa cells, using anti-TTLL12 antibody ([TA500816]), (Red) compared to a nonspecific negative control antibody (TA50011) (Blue).