

## Product datasheet for **TA500799**

### **TTL12 Mouse Monoclonal Antibody [Clone ID: OTI7F11]**

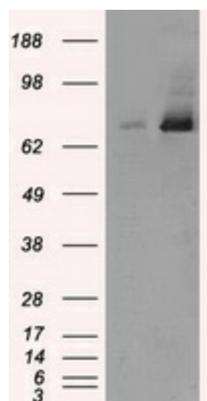
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI7F11
<b>Applications:</b>	FC, IF, IHC, WB
<b>Recommend Dilution:</b>	WB 1:2000, IHC 1:50, IF 1:100, Flow 1:100
<b>Reactivity:</b>	Human, Monkey, Rat, Dog
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<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>	0.59 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<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 Entrez Gene</a> <a href="#">300105 RatEntrez Gene</a> <a href="#">474474 DogEntrez Gene</a> <a href="#">714871 MonkeyEntrez Gene</a> <a href="#">23170 Human</a>
<b>Synonyms:</b>	dj526l14.2

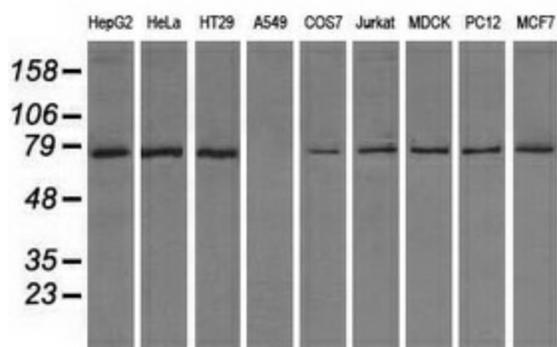


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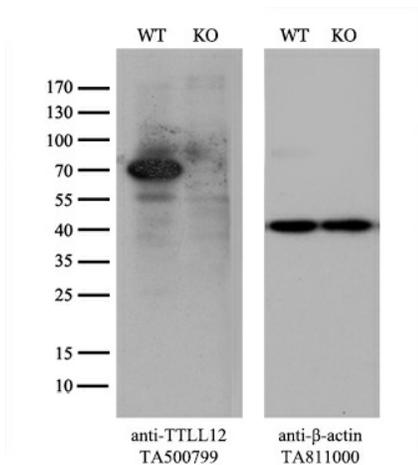
Product images:



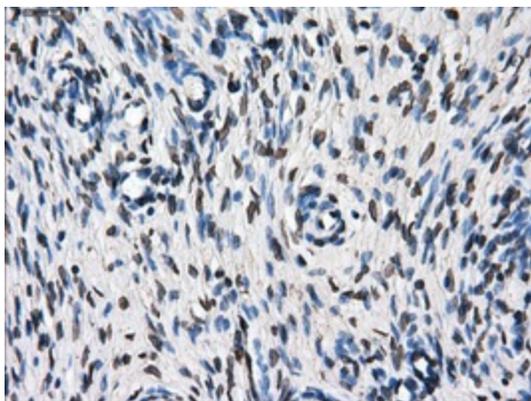
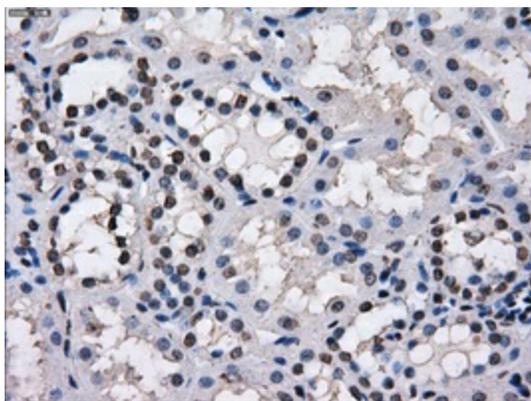
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TLL12 ([RC200841], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TLL12. Positive lysates [LY402417] (100ug) and [LC402417]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

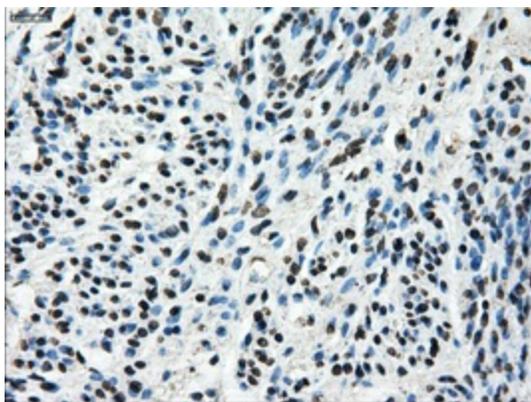


Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-TLL12 monoclonal antibody.

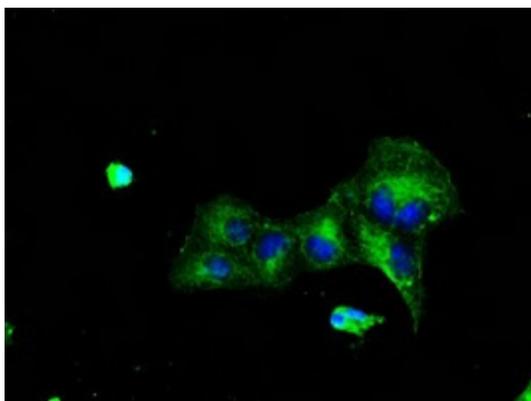


Equivalent amounts of cell lysates (10  $\mu$ g per lane) of wild-type 293T cells (WT, Cat# LC810293T) and TTLL12-Knockout 293T cells (KO, Cat# [LC811864]) were separated by SDS-PAGE and immunoblotted with anti-TTLL12 monoclonal antibody TA500799, (1:500). Then the blotted membrane was stripped and reprobed with anti- $\beta$ -actin antibody ([TA811000]) as a loading control.

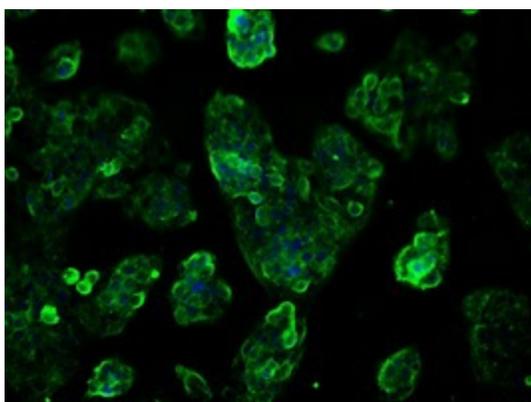




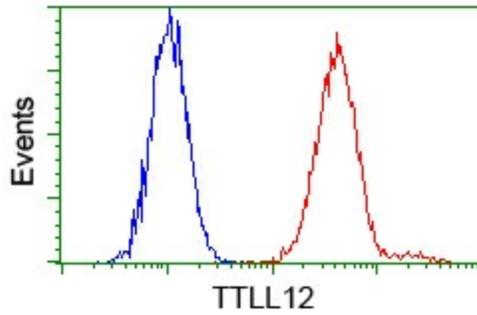
Immunohistochemical staining of paraffin-embedded endometrium tissue within the normal limits using anti-TTLL12 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500799, Dilution 1:50)



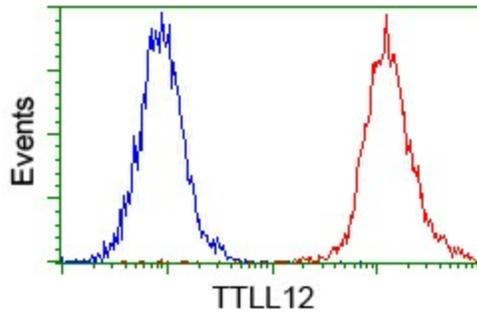
Anti-TTLL12 mouse monoclonal antibody (TA500799) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY TTLL12 ([RC200841]).



Immunofluorescent staining of HepG2 cells using anti-TTLL12 mouse monoclonal antibody (TA500799).



Flow cytometric analysis of HeLa cells, using anti-TTLL12 antibody (TA500799), (Red) compared to a nonspecific negative control antibody ([TA50011]) (Blue).



Flow cytometric analysis of Jurkat cells, using anti-TTLL12 antibody (TA500799), (Red) compared to a nonspecific negative control antibody ([TA50011]) (Blue).