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Product datasheet for TA500327AM

USP13 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI4G1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4G1
Applications:	IHC, IP, WB
Recommended Dilution:	WB 1:2000, IHC 1:50, IP: 4ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full-length protein expressed in 293T cell transfected with human USP13 expression vector
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	97.3 kDa
Gene Name:	ubiquitin specific peptidase 13
Database Link:	NP_003931 Entrez Gene 72607 MouseEntrez Gene 310306 RatEntrez Gene 8975 Human Q92995
Synonyms:	IsoT-3; ISOT3
Protein Families:	Druggable Genome, Protease

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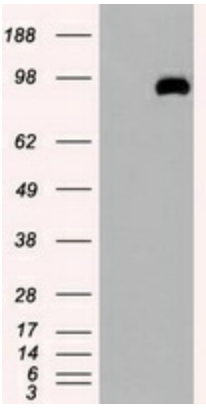
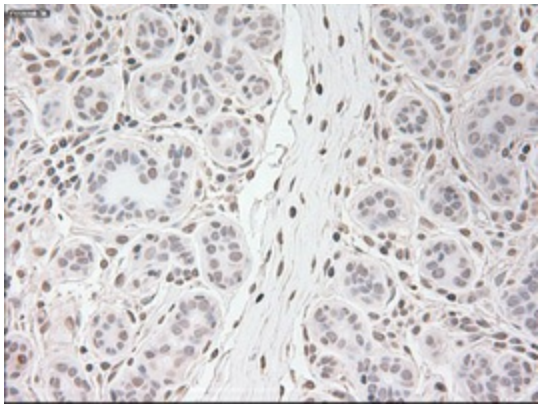
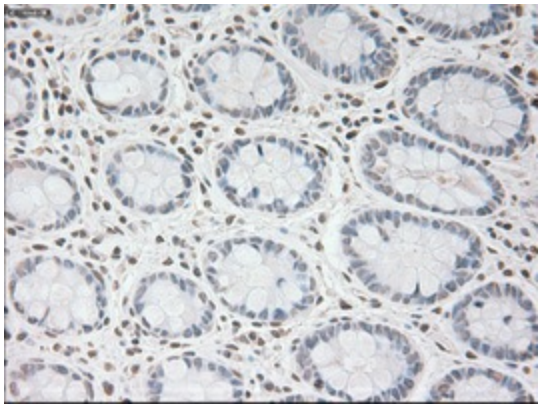
Product images:



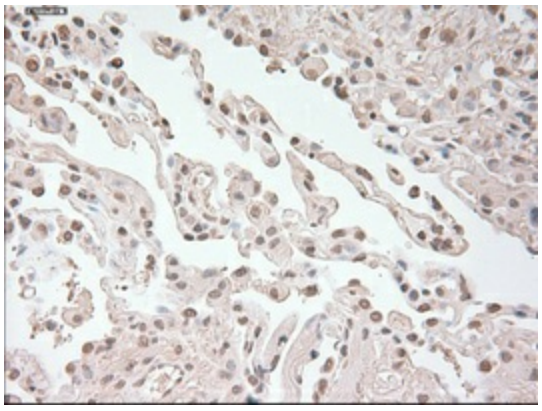
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY USP13 ([RC202190], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-USP13. Positive lysates [LY401292] (100ug) and [LC401292] (20ug) can be purchased separately from OriGene.



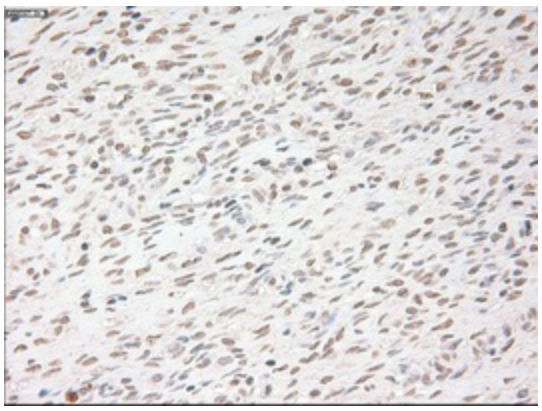
Immunohistochemical staining of paraffin-embedded breast tissue within the normal limits using anti-USP13 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500327], Dilution 1:50)



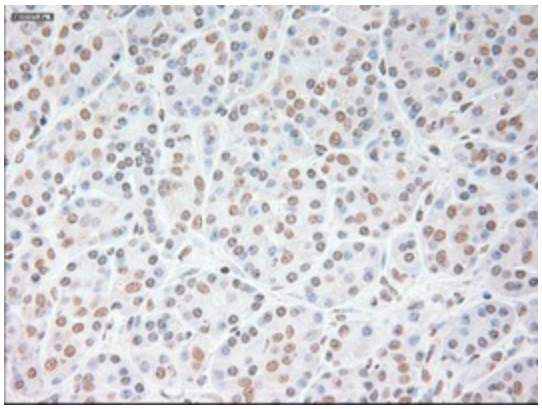
Immunohistochemical staining of paraffin-embedded colon tissue within the normal limits using anti-USP13mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500327], Dilution 1:50)



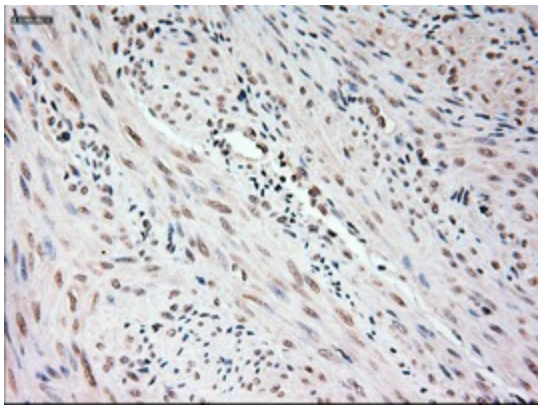
Immunohistochemical staining of paraffin-embedded lung tissue within the normal limits using anti-USP13mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500327], Dilution 1:50)



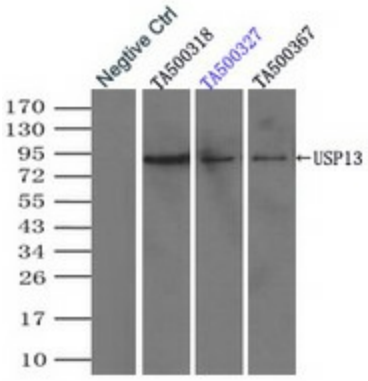
Immunohistochemical staining of paraffin-embedded Ovary tissue within the normal limits using anti-USP13mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500327], Dilution 1:50)



Immunohistochemical staining of paraffin-embedded pancreas tissue within the normal limits using anti-USP13mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500327], Dilution 1:50)



Immunohistochemical staining of paraffin-embedded endometrium tissue within the normal limits using anti-USP13mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500327], Dilution 1:50)



Immunoprecipitation (IP) of USP13 by using TrueMab monoclonal anti-USP13 antibodies (Negative control: IP without adding anti-USP13 antibody.). For each experiment, 500ul of DDK tagged USP13 overexpression lysates (at 1:5 dilution with HEK293T lysate), 2ug of anti-USP13 antibody and 20ul (0.1mg) of goat anti-mouse conjugated magnetic beads were mixed and incubated overnight. After extensive wash to remove any non-specific binding, the immuno-precipitated products were analyzed with rabbit anti-DDK polyclonal antibody.