

Product datasheet for **TA500318**

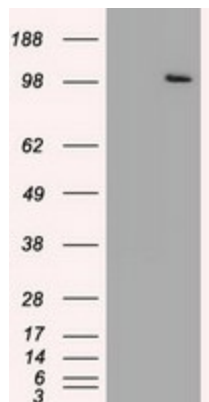
USP13 Mouse Monoclonal Antibody [Clone ID: OTI4G11]

Product data:

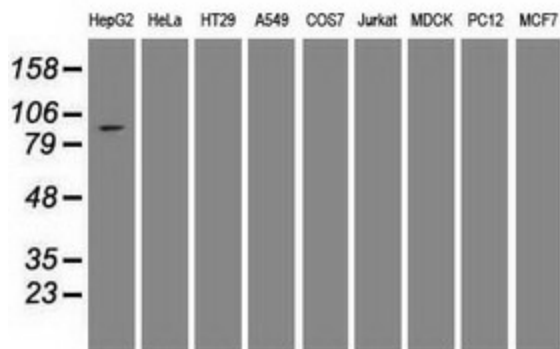
| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI4G11 |
| Applications: | IHC, IP, WB |
| Recommended Dilution: | WB 1:1000, IHC 1:50, IP: 4ug/mL |
| Reactivity: | Human, Monkey, Dog, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| 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: | 0.41 mg/ml |
| 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: | 97.3 kDa |
| Gene Name: | ubiquitin specific peptidase 13 |
| Database Link: | NP_003931 Entrez Gene 72607 Mouse Entrez Gene 310306 Rat Entrez Gene 478640 Dog Entrez Gene 708624 Monkey Entrez Gene 8975 Human Q92995 |
| Synonyms: | IsoT-3; ISOT3 |
| Protein Families: | Druggable Genome, Protease |



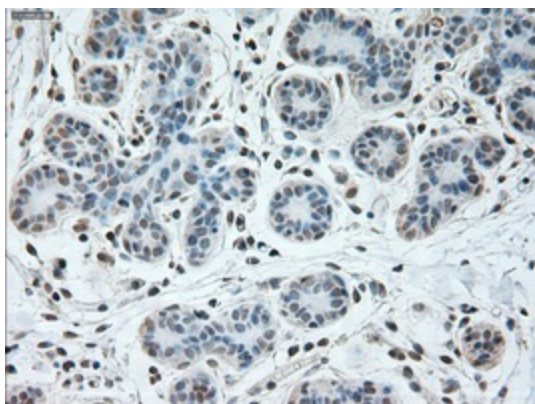
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Product images:


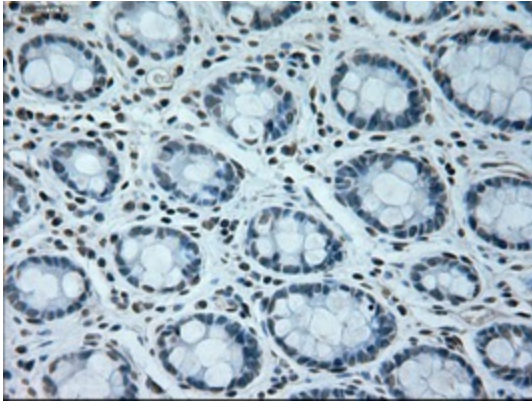
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY USP13 (Cat# [RC202190], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-USP13(Cat# TA500318). Positive lysates [LY401292] (100ug) and [LC401292] (20ug) can be purchased separately from OriGene.



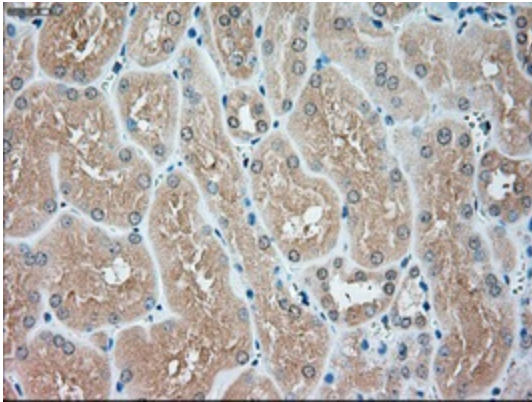
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-USP13 monoclonal antibody.



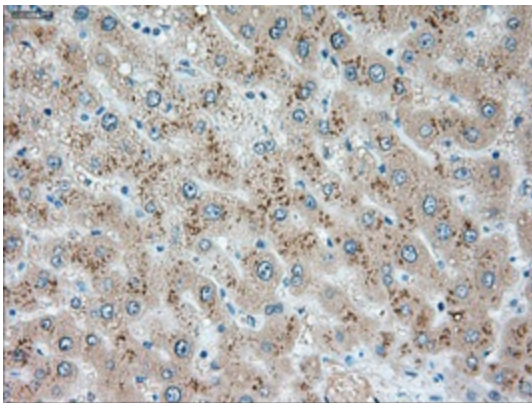
Immunohistochemical staining of paraffin-embedded breast tissue within the normal limits using anti-USP13 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500318, Dilution 1:50)



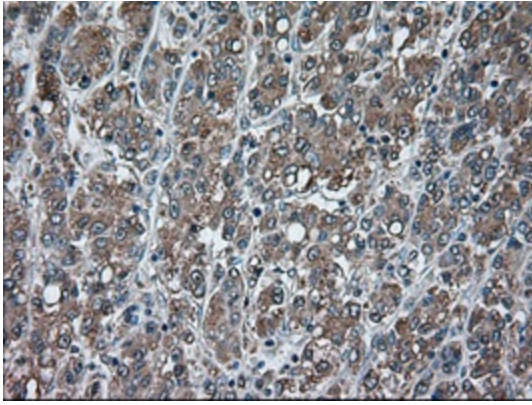
Immunohistochemical staining of paraffin-embedded colon tissue within the normal limits using anti-USP13 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500318, Dilution 1:50)



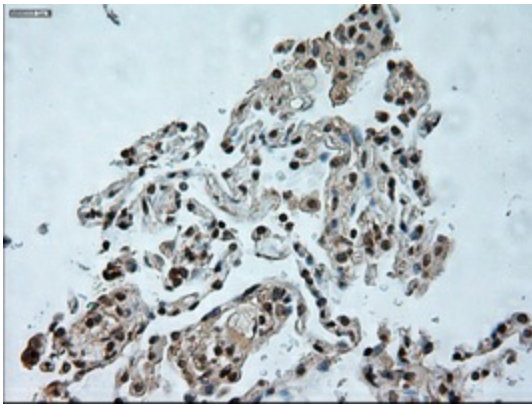
Immunohistochemical staining of paraffin-embedded kidney tissue within the normal limits using anti-USP13 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500318, Dilution 1:50)



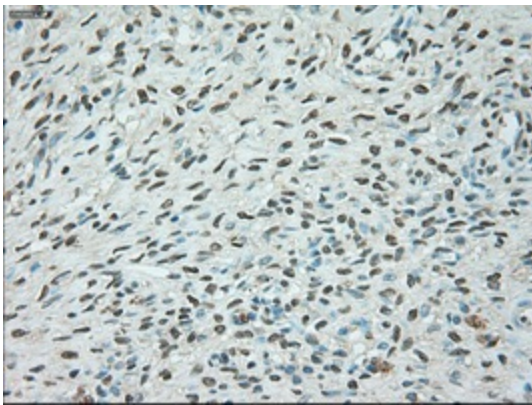
Immunohistochemical staining of paraffin-embedded liver tissue within the normal limits using anti-USP13 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500318, Dilution 1:50)



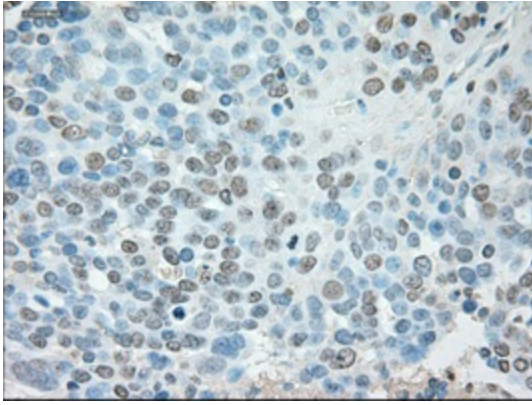
Immunohistochemical staining of paraffin-embedded Carcinoma of liver tissue using anti-USP13 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500318, Dilution 1:50)



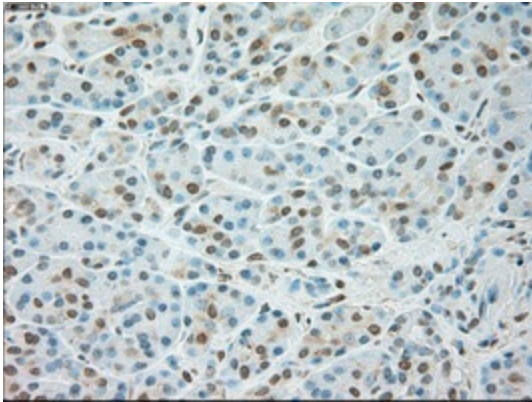
Immunohistochemical staining of paraffin-embedded lung tissue within the normal limits using anti-USP13 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500318, Dilution 1:50)



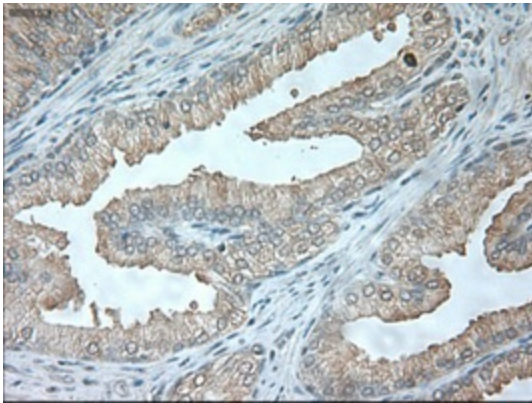
Immunohistochemical staining of paraffin-embedded Ovary tissue within the normal limits using anti-USP13 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500318, Dilution 1:50)



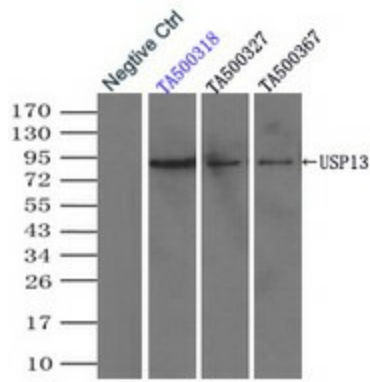
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of ovary tissue using anti-USP13 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500318, Dilution 1:50)



Immunohistochemical staining of paraffin-embedded pancreas 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, TA500318, Dilution 1:50)



Immunohistochemical staining of paraffin-embedded prostate 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, TA500318, 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 immunoprecipitated products were analyzed with rabbit anti-DDK polyclonal antibody.