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# Product datasheet for TA504871

## SENP2 Mouse Monoclonal Antibody [Clone ID: OTI1B8]

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Clone Name:** | OTI1B8 |
| **Applications:** | IHC, WB |
| **Recommended Dilution:** | WB 1:2000, IHC 1:150 |
| **Reactivity:** | Human, Mouse, Rat |
| **Host:** | Mouse |
| **Isotype:** | IgG2a |
| **Clonality:** | Monoclonal |
| **Immunogen:** | Human recombinant protein fragment corresponding to amino acids 139-523 of human SENP2(NP_067640) produced in HEK293T cell. |
| **Formulation:** | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| **Concentration:** | 1 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. |
| **Gene Name:** | SUMO specific peptidase 2 |
| **Database Link:** | NP_067640<br>Entrez Gene 75826 MouseEntrez Gene 78973 RatEntrez Gene 59343 Human<br>Q9HC62 |
| **Background:** | SUMO1 (UBL1; MIM 601912) is a small ubiquitin-like protein that can be covalently conjugated to other proteins. SENP2 is one of a group of enzymes that process newly synthesized SUMO1 into the conjugatable form and catalyze the deconjugation of SUMO1-containing species. [supplied by OMIM]. COMPLETENESS: complete on the 3' end. |
| **Synonyms:** | AXAM2; SMT3IP2 |
| **Protein Families:** | Druggable Genome, Protease |

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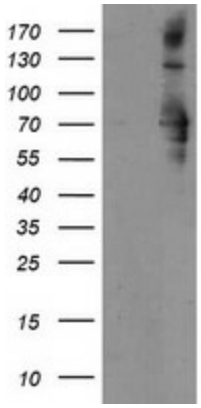
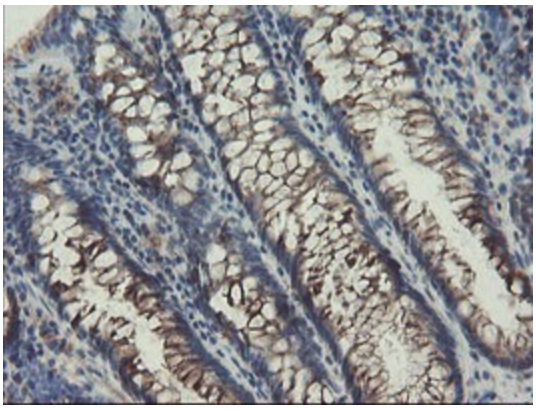
**Protein Pathways:** Wnt signaling pathway

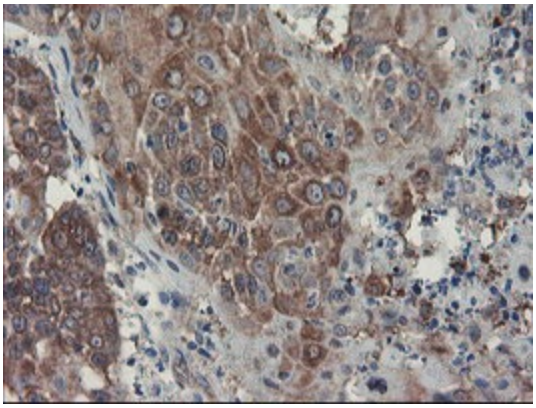
## Product images:




HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SENP2 ([RC208109], 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-SENP2.



Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-SENP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504871)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-SENP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504871)

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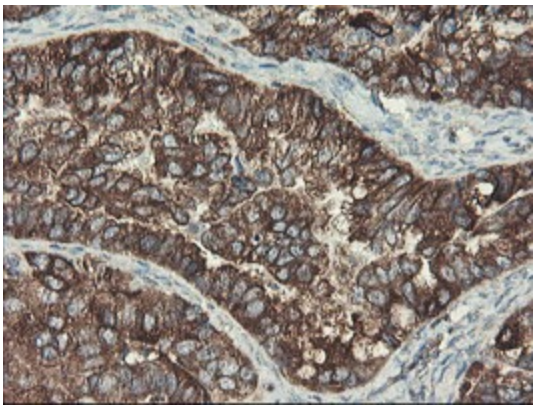
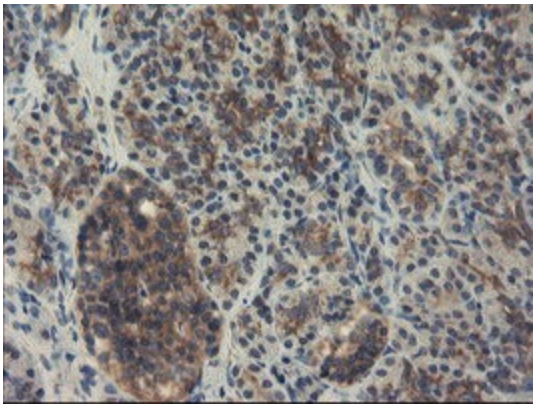
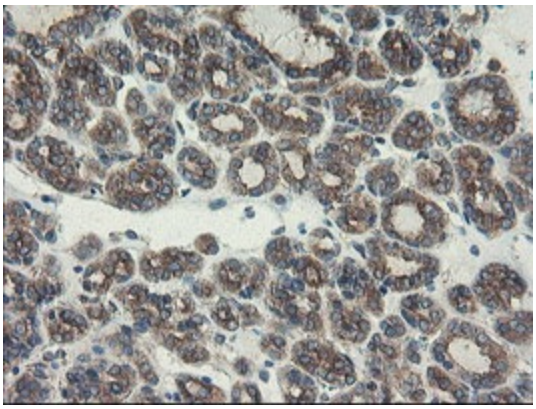


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-SENP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504871)



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-SENP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504871)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-SENP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504871)

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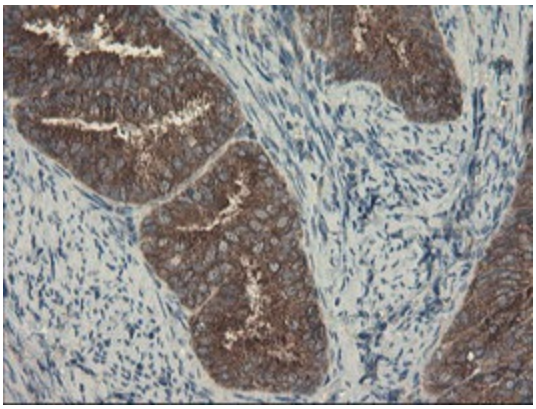
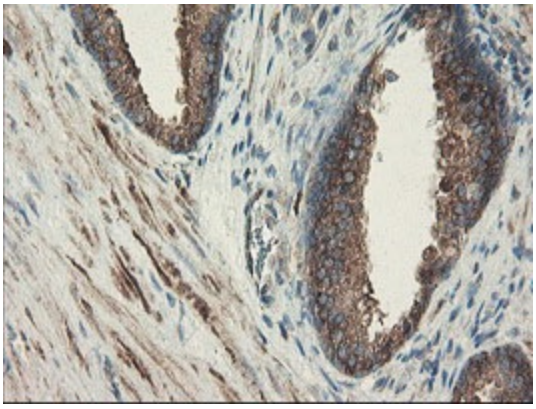
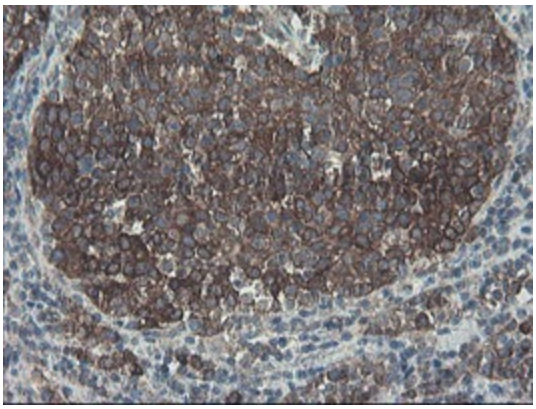


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-SENP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504871)



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-SENP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504871)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-SENP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504871)

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