

## Product datasheet for **TA504865**

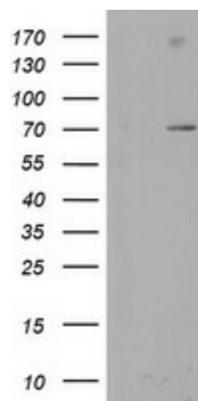
### SEN2 Mouse Monoclonal Antibody [Clone ID: OT13F5]

#### Product data:

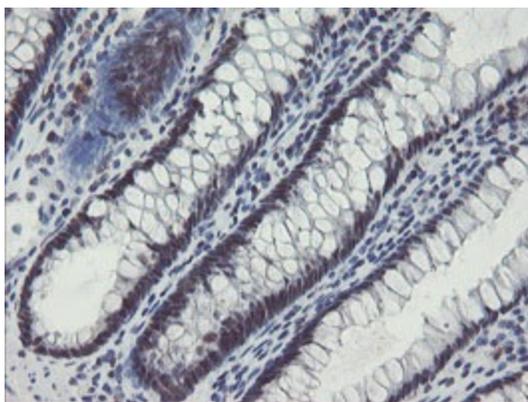
|                     |  |
|---------------------|--|
| Product Type:       | Primary Antibodies   |
| Clone Name:         | OT13F5   |
| Applications:       | IHC, WB  |
| Recommend Dilution: | WB 1:2000, IHC 1:150   |
| Reactivity:         | Human  |
| Host:               | Mouse  |
| Isotype:            | IgG2b  |
| Clonality:          | Monoclonal   |
| Immunogen:          | Human recombinant protein fragment corresponding to amino acids 139-523 of human SENP2(NP_067640) produced in E.coli.  |
| 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)  |
| Gene Name:          | SUMO specific peptidase 2  |
| Database Link:      | <a href="#">NP_067640 Entrez Gene 59343 Human</a>  |
| 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   |
| Protein Pathways:   | Wnt signaling pathway  |



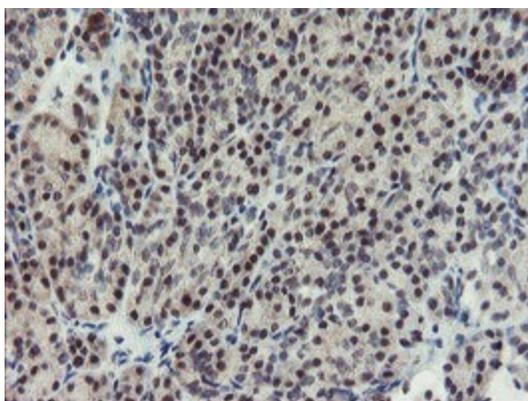
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**Product images:**

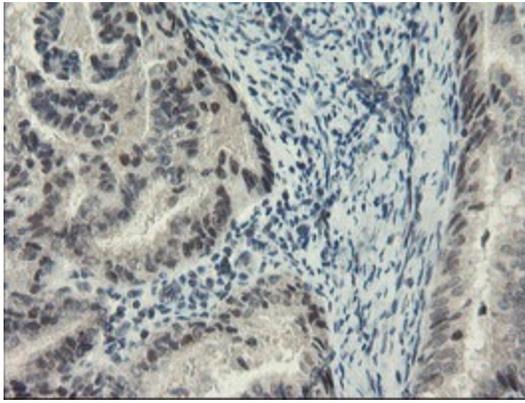
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SENP2 ([RC208109], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SENP2.



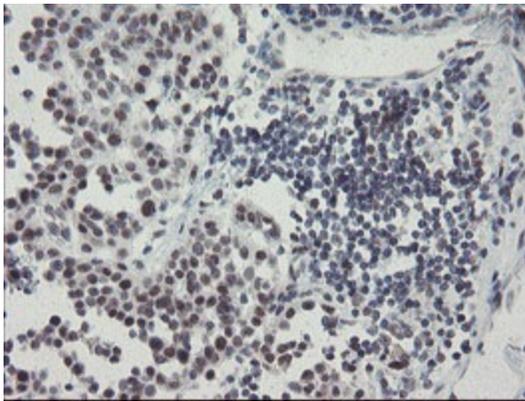
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-SENP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504865)



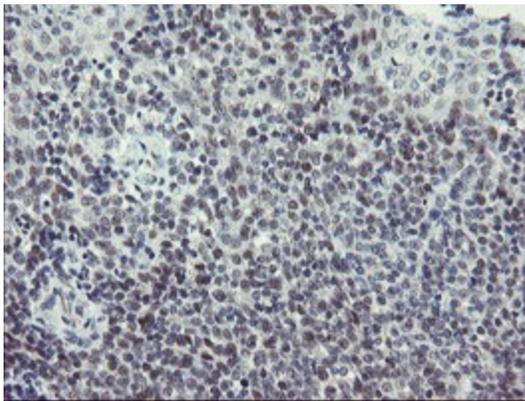
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-SENP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504865)



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, TA504865)



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, TA504865)



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-SENP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504865)