

Product datasheet for **TA351473S**

Oncostatin M (OSM) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Hela cell lysate IHC: 50-200 Positive control: Human esophagus cancer Predicted cell location: Secreted
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human OSM
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	28 kDa
Gene Name:	oncostatin M
Database Link:	NP_065391 Entrez Gene 5008 Human P13725
Background:	Oncostatin M is a member of a cytokine family that includes leukemia-inhibitory factor, granulocyte colony-stimulating factor, and interleukin 6. This gene encodes a growth regulator which inhibits the proliferation of a number of tumor cell lines. It regulates cytokine production, including IL-6, G-CSF and GM-CSF from endothelial cells.
Synonyms:	MGC20461

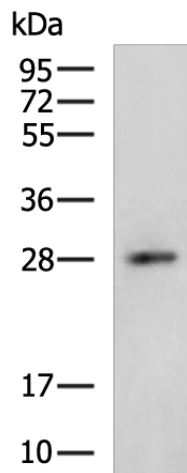


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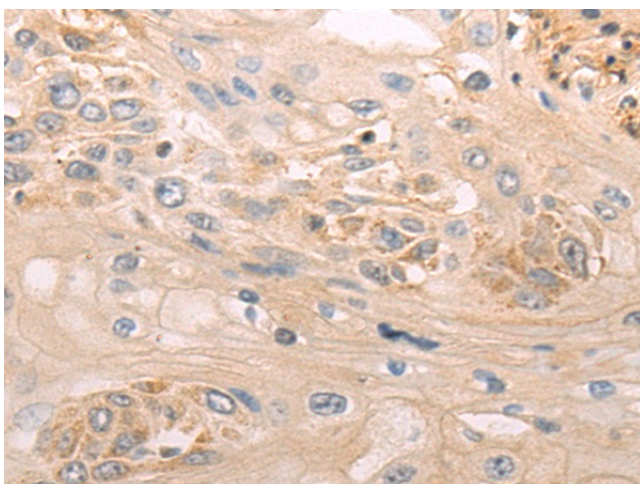
Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Stem cell relevant signaling - DSL/Notch pathway, Stem cell relevant signaling - JAK/STAT signaling pathway

Protein Pathways: Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway

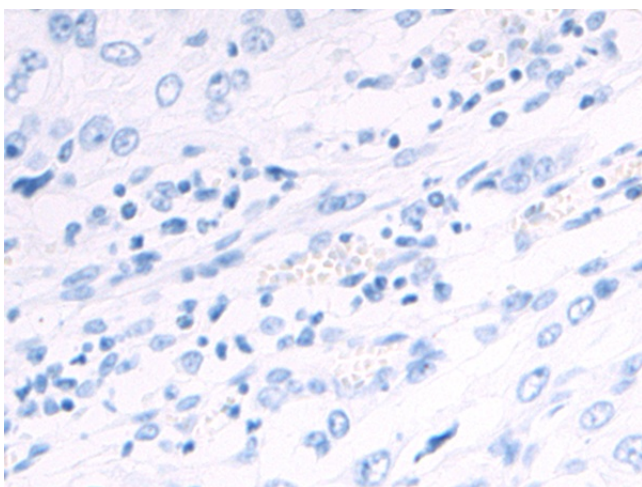
Product images:



Gel: 12%SDS-PAGE
 Lysate: 40 µg
 Lane: Hela cell lysate
 Primary antibody: [TA351473] (OSM Antibody) at dilution 1/1000
 Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
 Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA351473] (OSM Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA351473] (OSM Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: $\times 200$)