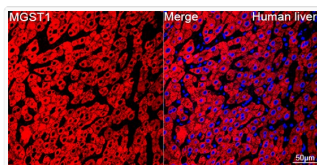
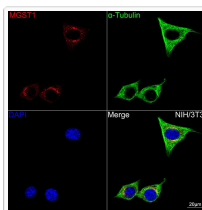


Anti-MGST1 antibody (1-100) [S9MR] (STJ11102719)

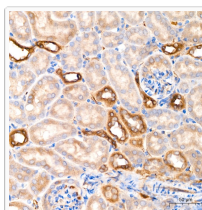
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:6000 IHC-P:1:200-1:2000 IF/ICC:1:200-1:2000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 18kDa Observed Mw: 15kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
TARGET INFORMATION	
Gene ID	4257
Gene Symbol	MGST1
UniProt ID	MGST1_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MVDLTQVMDDEVFMFAFASYA TIILSKMMLMSTATAFYRLT RKVFANPEDCVAFGKGGENAK KYLRTDDRVERVRRRAHLNDL ENIIPFLGIGLLYSLSGDP
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human MGST1 (P10620).
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



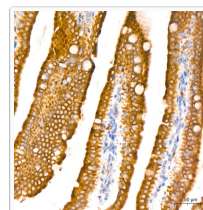
Confocal imaging of paraffin-embedded Human liver using MGST1 Rabbit monoclonal antibody (STJ11102719, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0. 01 M citrate buffer (pH 6. 0) prior to IF staining.



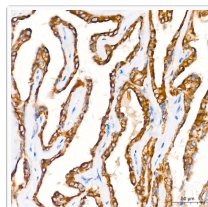
Confocal imaging of NIH/3T3 cells using MGST1 Rabbit monoclonal antibody (STJ11102719, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). The cells were counterstained with Alpha-Tubulin Mouse monoclonal antibody (dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) antibody (dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



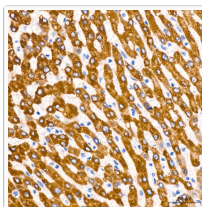
Immunohistochemistry analysis of MGST1 in paraffin-embedded mouse kidney tissue using MGST1 Rabbit monoclonal antibody (STJ11102719) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.



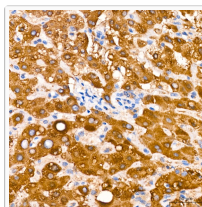
Immunohistochemistry analysis of MGST1 in paraffin-embedded mouse intestine tissue using MGST1 Rabbit monoclonal antibody (STJ11102719) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.



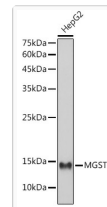
Immunohistochemistry analysis of MGST1 in paraffin-embedded human thyroid cancer tissue using MGST1 Rabbit monoclonal antibody (STJ11102719) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.



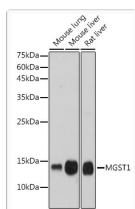
Immunohistochemistry analysis of MGST1 in paraffin-embedded human liver tissue using MGST1 Rabbit monoclonal antibody (STJ11102719) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of MGST1 in paraffin-embedded human liver cancer tissue using MGST1 Rabbit monoclonal antibody (STJ11102719) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.



Western blot analysis of lysates from HepG2 cells, using MGST1 Rabbit monoclonal antibody (STJ11102719) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of various lysates using MGST1 Rabbit monoclonal antibody (STJ11102719) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.