

## Anti-HMGB1 antibody (100-200) [S8MR] (STJ11101678)

STJ11101678

### GENERAL INFORMATION

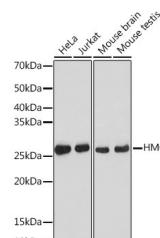
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

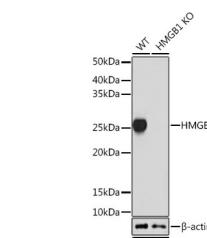
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	S8MR
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:6000-1:60000 IHC-P:1:200-1:2000 IF/ICC:1:100-1:800 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

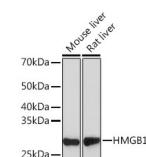
<b>Gene ID</b>	3146
<b>Gene Symbol</b>	HMGB1
<b>Uniprot ID</b>	HMGB1_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	100-200
<b>Specificity</b>	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human HMGB1 (P09429).
<b>Immunogen Sequence</b>	SAFFLFCSEYRPKIKGEHPG LSIGDVAKKLGEMWNNTAAD DKQPYEKKAALKKEKYEVDI AAYRAKGKPDAAKKGVVKAEE KSKKKKEEEEDEEDEEEEEE E



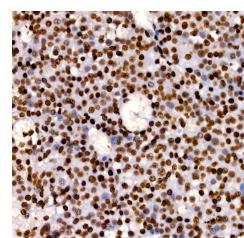
Western blot analysis of extracts of various cell lines, using HMGB1 antibody (STJ11101678) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysis/protein: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.



Western blot analysis of extracts from wild type (WT) and HMGB1 knockout (KO) 293T cells, using HMGB1 antibody (STJ11101678) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysis/protein: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.



Western blot analysis of extracts of various cell lines, using HMGB1 antibody (STJ11101678) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysis/protein: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded human liver cancer using (KO Validated) HMGB1 rabbit monoclonal antibody (STJ11101678) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.