

**Anti-HSPA4 antibody (700-800) [S7MR] (STJ11103087)**  
STJ11103087

**GENERAL INFORMATION**

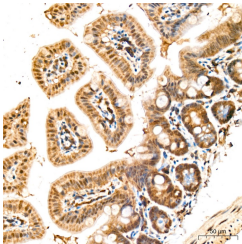
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

**PRODUCT PROPERTIES**

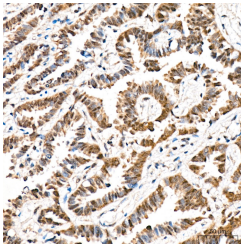
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	S7MR
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration 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 Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

**TARGET INFORMATION**

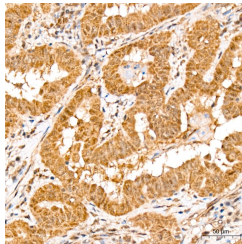
<b>Gene ID</b>	3308
<b>Gene Symbol</b>	HSPA4
<b>Uniprot ID</b>	HSP74_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	700-800
<b>Specificity</b>	A synthetic peptide corresponding to a sequence within amino acids 700-800 of human HSPA4 (P34932).
<b>Immunogen Sequence</b>	EELGKIQQYMKIISFKNK EDQYDHLDAADMTKVEKSTN EAMEWMNNKLNQNKQSLTM DPVVKSKIEIAKIKELTSTC SPIISKPKPKVEPPKEEQKN A



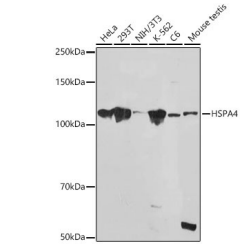
Immunohistochemistry analysis of HSPA4 in paraffin-embedded mouse spinal cord using HSPA4 Rabbit monoclonal antibody (STJ11103087) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of HSPA4 in paraffin-embedded rat liver using HSPA4 Rabbit monoclonal antibody (STJ11103087) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of HSPA4 in paraffin-embedded human liver cancer using HSPA4 Rabbit monoclonal antibody (STJ11103087) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using HSPA4 Rabbit monoclonal antibody (STJ11103087) 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: 90s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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