

Anti-HMGB1 antibody (69-168) (STJ29816)

STJ29816

GENERAL INFORMATION

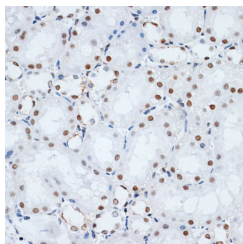
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

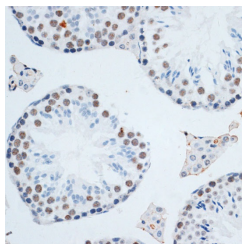
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

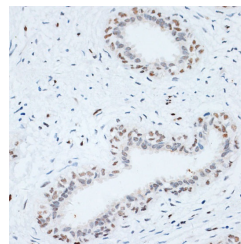
Gene ID	3146
Gene Symbol	HMGB1
Uniprot ID	HMGB1_HUMAN
Immunogen	
Immunogen Region	69-168
Specificity	A synthetic peptide corresponding to a sequence within amino acids 69-168 of human HMGB1 (NP_002119.1).
Immunogen Sequence	ARYEREMKTYIPPKGETKKK FKDPNAPKRPPSAFFLCSE YRPKIKGEHPGLSIGDVAKK LGEMWNTAADDKQPYEKKA AKLKEKYEKDIAAYRAKGKP



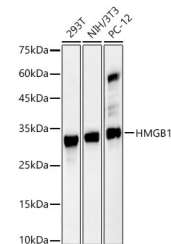
Immunohistochemistry analysis of HMGB1 in paraffin-embedded rat kidney using HMGB1 Rabbit polyclonal antibody (STJ29816) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of HMGB1 in paraffin-embedded mouse testis using HMGB1 Rabbit polyclonal antibody (STJ29816) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of HMGB1 in paraffin-embedded human breast cancer using HMGB1 Rabbit polyclonal antibody (STJ29816) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates, using HMGB1 Rabbit polyclonal antibody (STJ29816) at 1:400 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.

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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