

Anti-ATM antibody (2619-2939) [S6MR] (STJ11101746)
STJ11101746

GENERAL INFORMATION

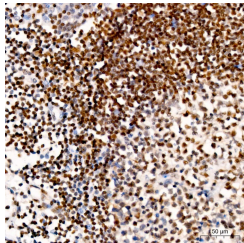
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

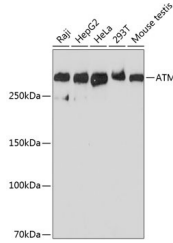
Clonality	Monoclonal
Clone ID	S6MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:1000-1:2000
Range	IHC-P:1:100-1:1000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
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	472
Gene Symbol	ATM
Uniprot ID	ATM_HUMAN
Immunogen	
Immunogen Region	2619-2939
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 2619-2939 of human ATM (Q13315).
Immunogen Sequence	SVEALCDAYIILANLDATQW KTQRKGINIPADQPITKLKN LEDVVPTMEIKVDHTGEYG NLVTIQSFKAEFRLAGGVNL PKIIDCVGSDGKERQLVKG RDDLRQDAVMQQVFQMCNTL LQRNTETRKRLTICTYKVV PLSQSRSGVLEWCTGTVPIGE FLVNNEDGAHKRYRPNDFSA FQCQKKMMVEQKKSFEKEYE VFMDVCQNFQPVFRYFCMEK FLDPAIWFEKRLAYTRVA



Immunohistochemistry analysis of ATM in paraffin-embedded human tonsil using ATM Rabbit monoclonal antibody (STJ11101746) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using ATM Rabbit monoclonal antibody (STJ11101746) 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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