

Anti-MDC1 antibody (1-350) (STJ110656)

STJ110656

GENERAL INFORMATION

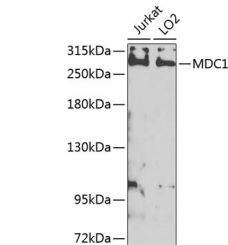
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

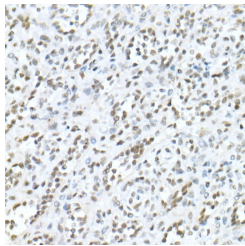
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:2000
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 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

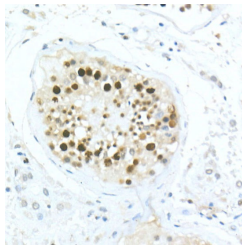
Gene ID	9656
Gene Symbol	MDC1
Uniprot ID	MDC1_HUMAN
Immunogen	
Immunogen Region	1-350
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-350 of human MDC1 (NP_055456.2).
Immunogen Sequence	MEDTQAIDWDVEEEEETEQS SESLRGNVEPVGRLHIFSGA HGPEKDFPLHLGKNVVGRMP DCSVALPFPSISKQHAEIEI LAWDKAPILRDCGSLNGTQI LRPPKVLSPGVSHRLRDQEL ILFADLLCQYHRLDVSLPFV SRGPLTVEETPRVQGETQPQ RLLLAEDSEEEVDLSERRM VKKSRTTSSSVIPESDEEG HSPVLGGLGPPFAFNLNSDT DVEEGQQPATEEASSAARR



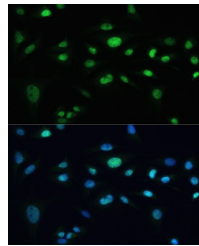
Western blot analysis of extracts of various cell lines, using MDC1 antibody (STJ110656) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced kit. Exposure time: 5s.



Immunohistochemistry analysis of paraffin-embedded human spleen using MDC1 rabbit polyclonal antibody (STJ110656) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human testis using MDC1 rabbit polyclonal antibody (STJ110656) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of U-2 OS cells using MDC1 antibody (STJ110656) at dilution of 1:100. Blue: DAPI for nuclear staining.

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.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081