

Anti-H2AFY antibody (200-300) [S6MR] (STJ11102416)
STJ11102416

GENERAL INFORMATION

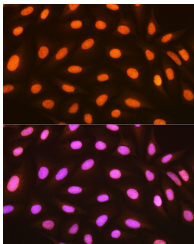
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

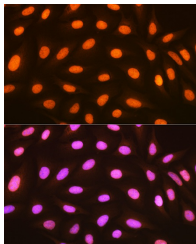
Clonality	Monoclonal
Clone ID	S6MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay 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

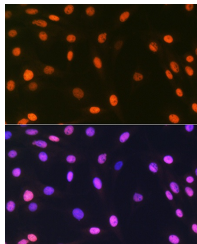
Gene ID	9555
Gene Symbol	MACROH2A1
Uniprot ID	H2AY_HUMAN
Immunogen	
Immunogen Region	200-300
Specificity	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human macroH2A.1 (O75367).
Immunogen Sequence	IHSEISNLAGFEVEAIINPT NADIDLKDDLNTLEKKGKG EFVEAVLELRKKNGPLEVAG AAVSAGHGLPAKFVIHCNSP VWGADKCEELLEKTVMKNCLA L



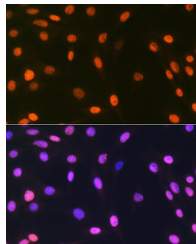
Western blot analysis of extracts of various cell lines, using macroH2A.1 rabbit monoclonal antibody (STJ11102416) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Immunofluorescence analysis of U-2 OS cells using macroH2A.1 Rabbit monoclonal antibody (STJ11102416) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry of paraffin-embedded rat brain using macroH2A.1 rabbit monoclonal antibody (STJ11102416) 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.



Immunofluorescence analysis of C6 cells using macroH2A.1 Rabbit monoclonal antibody (STJ11102416) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. 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