

Anti-H2AFY antibody (123-372) (STJ11100064)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

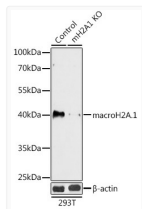
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:100 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 39kDa Observed Mw: 40kDa
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 Region	123-372
Immunogen Sequence	KLEAIITPPPAKKAKSPSQK KPVSKKAGGKKGARKSKKKQ GEVSKAASADSTTEGTPADG FTVLSTKSLFLGQKLNLIHS EISNLAGFEVEAIINPTNAD IDLKDDLGNLTKKGGKEFV EAVLELRKKNKNGPLEVAGAAV SAGHGLPAKFVIHCNSPVWG ADKCEELLEKTVKNCCLALAD DKKLKSIAFPSIGSGRNGFP KQTAACLILKAISSYFVSTM SSSIKTVYFVFLDSESIGI
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 123-372 of human macroH2A.1 (NP_613258.2).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of lysates from wild type (WT) and macroH2A.1 knockout (KO) 293T cells, using [KO Validated] macroH2A.1 Rabbit polyclonal antibody (STJ11100064) 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: 60s.