

Mouse HES1 Monoclonal Antibody | anti-HES1 antibody

HES1 antibody

CATALOG # AAA108019	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
-------------------------------	----------------------	---

PRODUCT SYNONYMS

HES1; Monoclonal Antibody; HES1 antibody; Monoclonal HES1; Anti-HES1; ; HES 1; HES-1; anti-HES1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1H8
Purity/Purification	HES1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	268
Applicable Applications for anti-HES1 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	This protein belongs to the basic helix-loop-helix family of transcription factors. It is a transcriptional repressor of genes that require a bHLH protein for their transcription. The protein has a particular type of basic domain that contains a helix interrupting protein that binds to the N-box rather than the canonical E-box.
Cross-Reactivity	Human
Immunogen	HES1 antibody was raised in Mouse using full length human recombinant protein of human HES1 produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant HES1 protein using HES1 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant HES1 protein (Right) or empty vector (Left) detected with HES1 antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant HES1 protein (red) or empty vector (blue) stained using HES1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-HES1 antibody	Mouse monoclonal HES1 antibody
Product Categories/Family for anti-HES1 antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	1655594
NCBI GeneID	8209
UniProt Accession #	P30042 ; O00650 ; O00660 ; O15011 ; O15012 ; P55346 ; P78474 ; Q92505 ; Q92507 ; A6NFJ6 ; A6NJY7
Molecular Weight	24,758 Da
NCBI Official Full Name	HES1
NCBI Official Synonym Full Names	chromosome 21 open reading frame 33
NCBI Official Symbol	C21orf33
NCBI Official Synonym Symbols	ES1 ; HES1 ; KNPH ; KNPI ; GT335
NCBI Protein Information	ES1 protein homolog, mitochondrial
UniProt Protein Name	ES1 protein homolog, mitochondrial
UniProt Gene Name	C21orf33
UniProt Synonym Gene Names	HES1 ; KNPI
UniProt Entry Name	ES1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/hes1-antibody-clone-1h8-western-blot-immunofluorescence-flow-cytometry-elisa/108019>