

Anti-ATG5 antibody (1-100) [S9MR] (STJ11101759)

ST.I11101759

GENERAL INFORMATION

Product Type Primary antibodies

Short Description

Applications WB/IHC-P/IP/ELISA

Host/Source Rabbit

Reactivity Human/Mouse/Rat

PRODUCT PROPERTIES

Clonality Monoclonal
Clone ID S9MR

Concentration Lot specific
Conjugation Unconjugated
Purification Affinity purification
Dilution Range WB:1:1000-1:6000

IHC-P:1:200-1:2000

IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells

ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay

requiremen

Formulation PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.

Isotype Ig0

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 9474 Gene Symbol ATG5

Uniprot ID ATG5_HUMAN

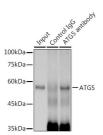
Immunogen

Immunogen Region 1-100

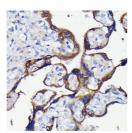
Specificity A synthetic peptide corresponding to a sequence within amino acids 1-100 of human ATG5 (Q9H1Y0).

 $\textbf{Immunogen} \quad \textbf{MTDDKDVLRDVWFGRIPTCFTLYQDEITEREAEPYYLLLPRVSYLTLVTDKVKKHFQKVMRQEDISEIWFEYEGTPLKWH}$

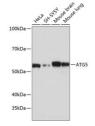
Sequence YPIGLLFDLLASSSALPWNI



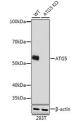
Immunoprecipitation analysis of 300 Mu g extracts fron 293T cells using 3 Mu g [KO Validated] ATG5 Rabbi monoclonal antibody (STJ11101759). Western blot war performed from the immunoprecipitate using [KC Validated] ATG5 Rabbit monoclonal antibody



Immunohistochemistry analysis of ATG5 in paraffin embedded human placenta using [KO Validated] ATG5 Rabbit monoclonal antibody (STJ11101759) at dilutio of 1:100 (40x lens). Perform microwave antigen retriev with 10 mM PB5 buffer pH 7. 2 before commencin



Western blot analysis of various lysates using IP Validated J. ATGS Rabbir monoclonal antiboo (STJ11101759) at 1:1000 dilution. Secondary antiboo HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) 1:10000 dilution. Lysates/proteins: 25 Mu g per lar Blocking buffer: 3% nonfat dry millis r IBST. Detectic ECL Basic Kit. Exposure time: 1s.



Western blot analysis of lysates from wild type (MT) and ATG5 knockout (KO) 293T cells, using [KO Validated] ATG5 Rabbit monoclonal antibody (STJ11101075) 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: 4