

# HES5 Rabbit mAb

Catalog No.: A9768

Recombinant

1 Publications

## Basic Information

### Observed MW

18kDa

### Calculated MW

18kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC1740

## Background

This gene encodes a member of a family of basic helix-loop-helix transcriptional repressors. The protein product of this gene, which is activated downstream of the Notch pathway, regulates cell differentiation in multiple tissues. Disruptions in the normal expression of this gene have been associated with developmental diseases and cancer.

## Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

388585

### Swiss Prot

Q5TA89

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 12-142 of human HES5 (Q5TA89).

### Synonyms

bHLHb38; HES5

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

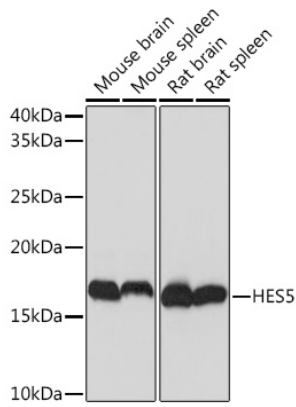
Affinity purification

### Storage

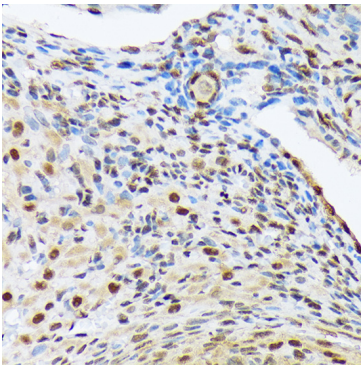
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

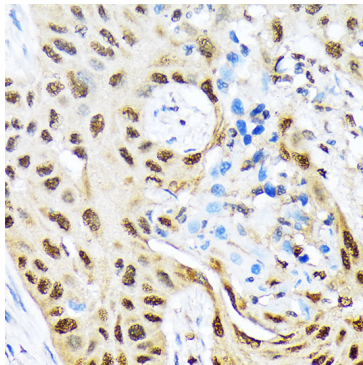
## Validation Data



Western blot analysis of various lysates using HES5 Rabbit mAb (A9768) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded Rat ovary using HES5 Rabbit mAb (A9768) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using HES5 Rabbit mAb (A9768) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.