

A23548

Leader in Biomolecular Solutions for Life Science



# ASCL4 Rabbit mAb

Catalog No.: A23548 **Recombinant**

## Basic Information

### Observed MW

25kDa

### Calculated MW

19kDa

### Category

SMab Recombinant Monoclonal Antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

Human

### CloneNo number

ARC61010

## Recommended Dilutions

**WB** 1:2000 - 1:6000

**IF/ICC** 1:50 - 1:200

## Background

Basic helix-loop-helix transcription factors, such as ASCL4, are essential for the determination of cell fate and the development and differentiation of numerous tissues (Jonsson et al., 2004 [PubMed 15475265]).

## Immunogen Information

### Gene ID

121549

### Swiss Prot

Q6XD76

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human ASCL4. (NP\_982260.3).

### Synonyms

ASH-4; HASH4; bHLHa44; ASCL4

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

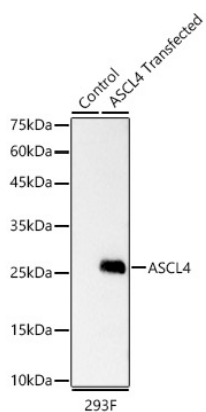
Affinity purification

### Storage

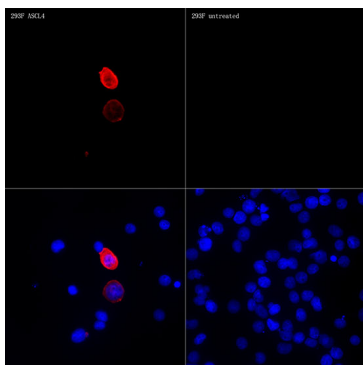
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of lysates from wild type (WT) and 293F cells transfected with ASCL4 using ASCL4 Rabbit mAb (A23548) at 1:5000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 0.3s.



Immunofluorescence analysis of ASCL4-293F transfected and control 293F cells using ASCL4 Rabbit mAb (A23548) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.