# **ASCL4 Rabbit mAb**

Catalog No.: A23548 Recombinant



## **Basic Information**

#### **Observed MW**

25kDa

### **Calculated MW**

19kDa

### Category

Primary antibody

### **Applications**

ELISA,WB,IF/ICC

### **Cross-Reactivity**

Human

#### CloneNo number

ARC61010

## **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]).

## **Recommended Dilutions**

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

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

## **Immunogen Information**

**Gene ID**Swiss Prot
121549
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**

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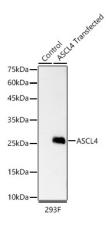
## **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

### **Storage**

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

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



Western blot analysis of lysates from wild type (WT) and 293F cells transfected with ASCL4 using ASCL4 Rabbit mAb (A23548) at 1:5000 dilution.

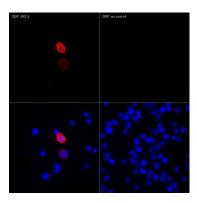
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

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.