A23548
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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

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
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
121549

Swiss Prot
Q6XD76

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
ASH-4; HASH4; bHLHa44; ASCL4

Contact

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Product Information

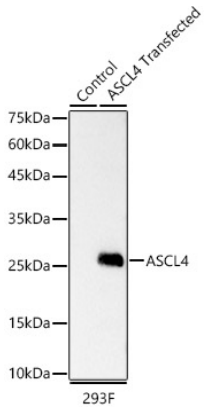
Source
Rabbit

Isotype
IgG

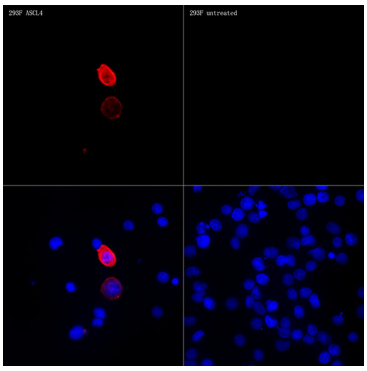
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

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-conjugated 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-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.