

A19284

Leader in Biomolecular Solutions for Life Science



Cytokeratin 12 (KRT12) Rabbit mAb

Catalog No.: A19284

Recombinant

Basic Information

Observed MW

Refer to figures

Calculated MW

54kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

IHC-P,IF/ICC,ELISA

Cross-Reactivity

Mouse,Rat

CloneNo number

ARC2465

Background

KRT12 encodes the type I intermediate filament chain keratin 12, expressed in corneal epithelia. Mutations in this gene lead to Meesmann corneal dystrophy.

Recommended Dilutions

IHC-P 1:50 - 1:200

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

3859

Swiss Prot

Q99456

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 250-494 of human Cytokeratin 12 (KRT12) (NP_000214.1).

Synonyms

K12; MECD1; Cytokeratin 12 (KRT12)

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

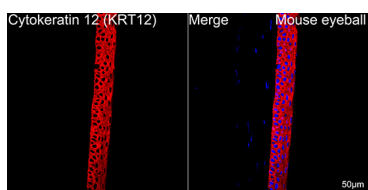
Store at -20°C. Avoid freeze / thaw cycles.

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

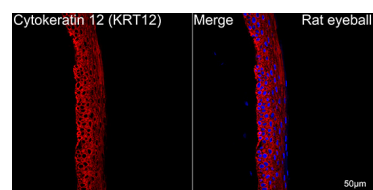
Validation Data



Immunohistochemistry analysis of paraffin-embedded Mouse cornea using Cytokeratin 12 (KRT12) (KRT12) Rabbit mAb (A19284) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of paraffin-embedded Mouse eyeball tissue using Cytokeratin 12 (KRT12) Rabbit mAb (A19284, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Confocal imaging of paraffin-embedded Rat eyeball tissue using Cytokeratin 12 (KRT12) Rabbit mAb (A19284, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.