Cytokeratin 10 Rabbit mAb

Catalog No.: A4669 Recombinant 1 Publications



Basic Information

Observed MW

Refer to figures

Calculated MW

59kDa

Category

Primary antibody

Applications

IF-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC1084

Background

This gene encodes a member of the type I (acidic) cytokeratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. Mutations in this gene are associated with epidermolytic hyperkeratosis. This gene is located within a cluster of keratin family members on chromosome 17q21.

Recommended Dilutions

IF-P 1:200 - 1:2000

ELISA

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

Immunogen Information

Gene ID Swiss Prot 3858 P13645

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

BIE; EHK; IHL; K10; KPP; BCIE; CK10; Cytokeratin 10

Contact

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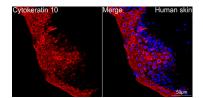
Product Information

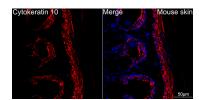
Source Isotype **Purification** Rabbit IgG Affinity purification

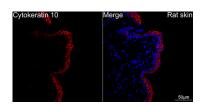
Storage

Store at -20°C. 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.







Confocal imaging of paraffin-embedded Human skin using Cytokeratin 10 Rabbit mAb (A4669, 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 0.01M citrate buffer (pH 6.0) prior to IF staining.

Confocal imaging of paraffin-embedded Mouse skin using Cytokeratin 10 Rabbit mAb (A4669, 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 0.01M citrate buffer (pH 6.0) prior to IF staining.

Confocal imaging of paraffin-embedded Rat skin using Cytokeratin 10 Rabbit mAb (A4669, 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 0.01M citrate buffer (pH 6.0) prior to IF staining.