

Cytokeratin 2e (KRT2) Rabbit pAb

Catalog No.: A10375

Basic Information

Observed MW

65kDa

Calculated MW

65kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

Background

The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is expressed largely in the upper spinous layer of epidermal keratinocytes and mutations in this gene have been associated with bullous congenital ichthyosiform erythroderma. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

3849

Swiss Prot

P35908

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of human Cytokeratin 2e (KRT2) (NP_000414.2).

Synonyms

K2e; KRTE; CK-2e; KRT2A; KRT2E; Cytokeratin 2e (KRT2)

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

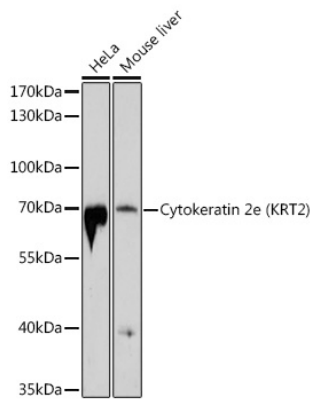
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Cytokeratin 2e (KRT2) antibody (A10375) at 1:1000 dilution.

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

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.