

A Reliable Research Partner in Life Science and Medicine

## **Recombinant Cytokeratin 5 Monoclonal Antibody**

catalog number: AN301017L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### **Description**

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human Cytokeratin 5 protein

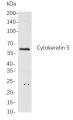
Host Rabbit Isotype IgG,ĸ B768 Clone **Purification** Protein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

#### **Applications Recommended Dilution**

1:200-1:1000 **IHC** 1:1000-1:5000 WB

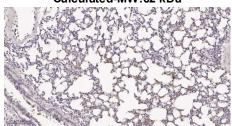
#### Data



Western Blot with Recombinant Cytokeratin 5 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: HaCat cells.

Immunohistochemistry of paraffin-embedded human tonsil tissue using Recombinant Cytokeratin 5 Monoclonal Antibody at dilution of 1:200.

### Observed-MW:62 kDa Calculated-MW:62 kDa



Immunohistochemistry of paraffin-embedded mouse lung tissue using Recombinant Cytokeratin 5 Monoclonal Antibody at dilution of 1:200.

### **Preparation & Storage**

**Storage** Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping** Ice bag

#### **Background**

### For Research Use Only

Toll-free: 1-888-852-8623 Fax: 1-832-243-6017 Tel: 1-832-243-6086 Web: www.elabscience.com Email: techsupport@elabscience.com Rev. V1.1

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KRT5(keratin 5) Homo sapiens 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 specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.

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