

Recombinant Cytokeratin 19 Monoclonal Antibody

catalog number: **AN300920L**

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

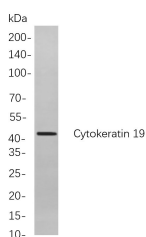
Description

| | |
|---------------------|---|
| Reactivity | Human;Mouse;Rat |
| Immunogen | Recombinant Human Cytokeratin 19 protein |
| Host | Rabbit |
| Isotype | IgG, κ |
| Clone | 9A4 |
| Purification | Protein A |
| Buffer | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

Applications

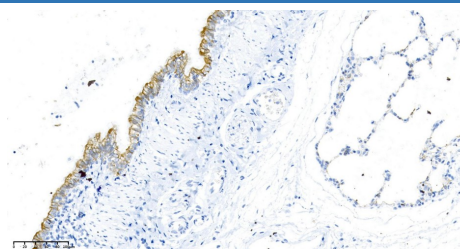
| Applications | Recommended Dilution |
|--------------|----------------------|
| IHC | 1:400-1:2000 |
| WB | 1:1000-1:5000 |

Data



Western Blot with Recombinant Cytokeratin 19 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: K562 cells.

Observed-MW:40 kDa
Calculated-MW:40 kDa



Immunohistochemistry of paraffin-embedded rat lungs using Recombinant Cytokeratin 19 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

The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21.

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