

## Cytokeratin 5/6 (AB1529) mouse mAb

V0527

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human;

#### Applications

- Immunohistochemistry (IHC)

#### MW

- 60 kDa (calculated)
- 60;62 kDa (observed)

#### Isotype

- IgG2a, kappa

### Recommended Dilution Ratios

#### Application

Immunohistochemistry (IHC)

#### Dilution

IHC, 1:200-1:400

### Storage

#### Storage Conditions

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

#### Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

### Basic Information

**Clonality** Monoclonal

**Clone Number** AB1529

**Immunogen** Synthetic peptides corresponding to the C - terminal amino acids of human Cytokeratin 5 and the N - terminal amino acids of the human Cytokeratin 6 protein.

**Specificity** The antibody can recognize both human CK5 and CK6 protein, and shows no cross reaction with other types of cytokeratin.

**Purification** Affinity purification Protein A

**Concentration** Product concentration may vary by batch. Please refer to the product COA for details.

### Target Information

**Gene name** KRT5 KRT6A KRT6B KRT6C

**Protein Name** Cytokeratin 5/6

| Database Link | Organism | Swiss Prot.             | Gene ID |
|---------------|----------|-------------------------|---------|
|               | Human    | P13647; P02538; P04259; | 3852    |

#### Background

Cytokeratin 5/6 are high molecular weight keratins, which are normally expressed in squamous epithelium, basal cells of ductal epithelium, mesothelial cells, myoepithelium and basal cells of prostate, but not in glandular epithelium. Most adenocarcinoma are negative, and some adenocarcinoma can be weakly positive. The antibody is mainly used for the differential diagnosis of mesothelioma and adenocarcinoma, as well as the study of benign and malignant tumors of epithelial origin.