

## Recombinant ALDH3A1 Monoclonal Antibody

catalog number: AN301430L

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

### Description

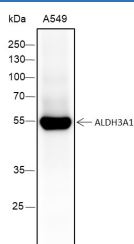
|                     |                                                                 |
|---------------------|-----------------------------------------------------------------|
| <b>Reactivity</b>   | Human                                                           |
| <b>Immunogen</b>    | Recombinant human ALDH3A1 fragment                              |
| <b>Host</b>         | Rabbit                                                          |
| <b>Isotype</b>      | IgG, κ                                                          |
| <b>Clone</b>        | C321053                                                         |
| <b>Purification</b> | Protein A purified                                              |
| <b>Buffer</b>       | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

### Applications

### Recommended Dilution

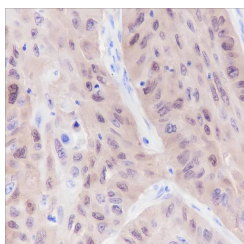
|            |              |
|------------|--------------|
| <b>WB</b>  | 1:500-1:1000 |
| <b>IHC</b> | 1:200-1:1000 |

### Data

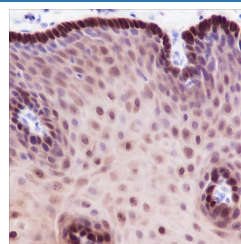


Western Blot with ALDH3A1 Monoclonal Antibody at dilution of 1:1000. Lane 1: A549

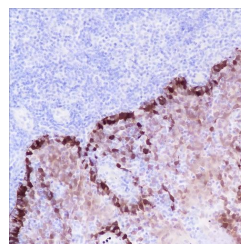
**Observed-MW:50 kDa**  
**Calculated-MW:50 kDa**



Immunohistochemistry of paraffin-embedded Human lung squamous carcinoma using ALDH3A1 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human esophagus using ALDH3A1 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human tonsil using ALDH3A1 Monoclonal Antibody at dilution of 1:1000.

### Preparation & Storage

|                 |                                                                 |
|-----------------|-----------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag                                                         |

### Background

ALDHs play a major role in the detoxification of alcohol-derived acetaldehyde. They are involved in the metabolism of corticosteroids, biogenic amines, neurotransmitters, and lipid peroxidation.

### For Research Use Only

Toll-free: 1-888-852-8623  
Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086  
Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

Rev. V1.1