

# Integrin alpha 3 antibody

**Cat. No. GTX05230**

|                     |                               |
|---------------------|-------------------------------|
| <b>Host</b>         | Rabbit                        |
| <b>Clonality</b>    | Polyclonal                    |
| <b>Isotype</b>      | IgG                           |
| <b>Applications</b> | WB, ICC/IF, IHC-P, FCM, ELISA |
| <b>Reactivity</b>   | Human                         |

**Package**  
100 µg

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution           |
|--------------------|--------------------------------|
| WB                 | 0.25-0.5 µg/ml                 |
| ICC/IF             | 5 µg/ml                        |
| IHC-P              | 2-5 µg/ml                      |
| FCM                | 1-3 µg/1x10 <sup>6</sup> cells |
| ELISA              | 0.1-0.5 µg/ml                  |

**Note : Permeabilization step is needed.**

Not tested in other applications.

**Calculated MW** 117 kDa. ( [Note](#) )

## Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub>                                                                                                                                                       |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | 0.5 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                 |
| <b>Immunogen</b>     | E.coli-derived human Integrin alpha 3/ITGA3 recombinant protein (Position: L96-L324).                                                                                                                                      |
| <b>Purification</b>  | Purified by antigen-affinity chromatography                                                                                                                                                                                |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |

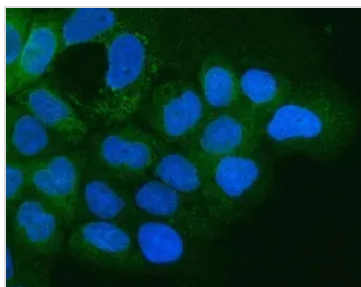


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**Note**

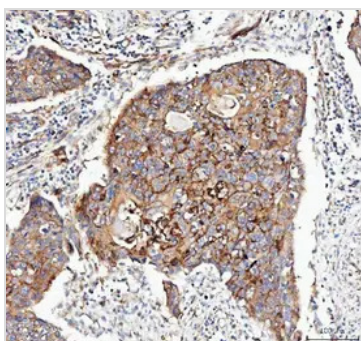
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**DATA IMAGES**

**GTX05230 ICC/IF Image**

ICC/IF analysis of PFA fixed A431 cells using GTX05230 Integrin alpha 3 antibody.

Antigen retrieval : Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent for 15 mins.

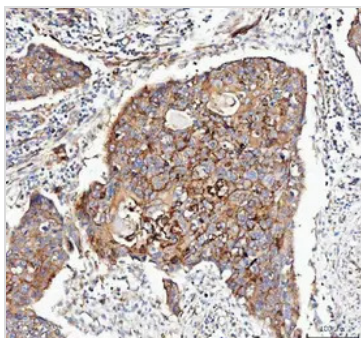
Dilution : 5µg/ml


**GTX05230 IHC-P Image**

IHC-P analysis of human lung adenocarcinoma tissue using GTX05230 Integrin alpha 3 antibody.

Antigen retrieval : Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0).

Dilution : 2µg/ml


**GTX05230 IHC-P Image**

IHC-P analysis of human esophageal squamous carcinoma tissue using GTX05230 Integrin alpha 3 antibody.

Antigen retrieval : Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0).

Dilution : 2µg/ml



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