

## Recombinant CES3/Carboxylesterase 3 Monoclonal Antibody

catalog number: **AN300221P**

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

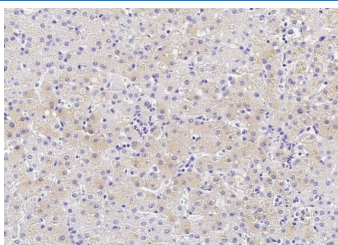
### Description

|                     |   |
|---------------------|---|
| <b>Reactivity</b>   | Human   |
| <b>Immunogen</b>    | Recombinant Human CES3 / Carboxylesterase 3 Protein |
| <b>Host</b>         | Rabbit  |
| <b>Isotype</b>      | IgG   |
| <b>Clone</b>        | B139  |
| <b>Purification</b> | Protein A   |
| <b>Buffer</b>       | 0.2 µm filtered solution in PBS                     |

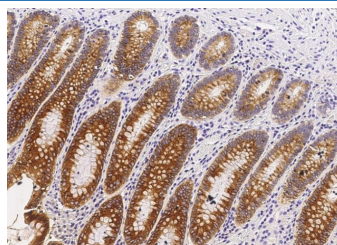
### Applications Recommended Dilution

|              |              |
|--------------|--------------|
| <b>IHC-P</b> | 1:500-1:2000 |
|--------------|--------------|

### Data



Immunohistochemistry of paraffin-embedded human liver using CES3 / Carboxylesterase 3 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded human colon using CES3 / Carboxylesterase 3 Monoclonal Antibody at dilution of 1:1000.

### Preparation & Storage

|                 |  |
|-----------------|--|
| <b>Storage</b>  | This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles. |
| <b>Shipping</b> | Ice bag  |

### Background

This gene encodes a member of the carboxylesterase large family. The family members are responsible for the hydrolysis or transesterification of various xenobiotics, such as cocaine and heroin, and endogenous substrates with ester, thioester, or amide bonds. They may participate in fatty acyl and cholesterol ester metabolism, and may play a role in the blood-brain barrier system. This gene is expressed in several tissues, particularly in colon, trachea and in brain, and the protein participates in colon and neural drug metabolism. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported, but the biological validity and/or full-length nature of some variants have not been determined.

### For Research Use Only