

## CD44 antibody [1M7.8.1]

Cat. No. GTX15834

|              |                                              |
|--------------|----------------------------------------------|
| Host         | Rat                                          |
| Clonality    | Monoclonal                                   |
| Isotype      | IgG2b                                        |
| Applications | WB, ICC/IF, FCM, IP, Neutralizing/Inhibition |
| Reactivity   | Human, Mouse, Rat                            |

References ( 1 )

Package

250 µg

## Applications

## Application Note

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

| Suggested dilution      | Recommended dilution |
|-------------------------|----------------------|
| WB                      | Assay dependent      |
| ICC/IF                  | 1:10-1:100           |
| FCM                     | Assay dependent      |
| IP                      | Assay dependent      |
| Neutralizing/Inhibition | Assay dependent      |

Not tested in other applications.

**Calculated MW** 86 kDa. ( [Note](#) )

**Product Note** This antibody detects a standard 85-kDa isoform of CD44 and a number of high molecular mass variant isoforms.

## Properties

|               |                                                                                                                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form          | Liquid                                                                                                                                                                                                                     |
| Buffer        | PBS                                                                                                                                                                                                                        |
| Preservative  | No preservative                                                                                                                                                                                                            |
| Storage       | 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. |
| Concentration | 1 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                   |
| Immunogen     | Mouse 80-95 kD lymphocyte surface glycoprotein H-CAM (CD44).                                                                                                                                                               |
| Purification  | Protein G purified                                                                                                                                                                                                         |
| Purity        | This product is a Low Endotoxin formulation.                                                                                                                                                                               |
| Conjugation   | Unconjugated                                                                                                                                                                                                               |

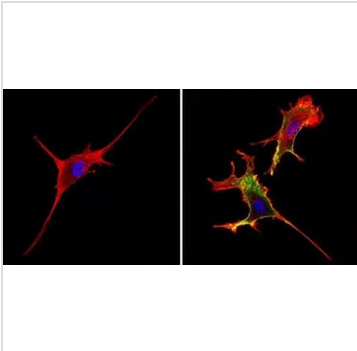


For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**

**GTx15834 ICC/IF Image**

ICC/IF analysis of NIH-3T3 cells using GTx15834 CD44 antibody [1M7.8.1]. Cells were probed without (left) or with(right) an antibody.

Green : Primary antibody

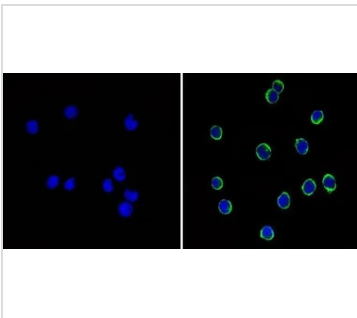
Blue : Nuclei

Red : Actin

Fixation : Formalin

Permeabilization : 0.1% Triton X-100 in TBS for 5-10 minute

Dilution : 1:20 overnight at 4°C


**GTx15834 ICC/IF Image**

ICC/IF analysis of BAF-3 cells using GTx15834 CD44 antibody [1M7.8.1]. Cells were probed without (left) or with(right) an antibody.

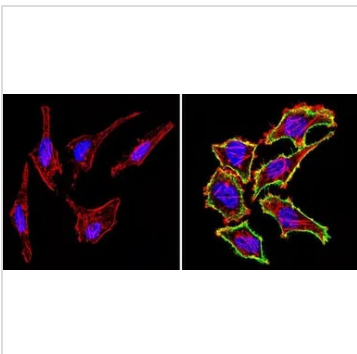
Green : Primary antibody

Blue : Nuclei

Fixation : Formalin

Permeabilization : 0.1% Triton X-100 in TBS for 5-10 minute

Dilution : 1:20 overnight at 4°C


**GTx15834 ICC/IF Image**

ICC/IF analysis of HeLa cells using GTx15834 CD44 antibody [1M7.8.1]. Cells were probed without (left) or with(right) an antibody.

Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : Formalin

Permeabilization : 0.1% Triton X-100 in TBS for 5-10 minute

Dilution : 1:20 overnight at 4°C



For full product information, images and publications, please visit our [website](https://www.genetex.com).