

# C3a Receptor antibody [HL2831]

**Cat. No. GTX640102**

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

**Package**  
100 µl, 25 µl

## Applications

### Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:1000-1:10000       |
| ICC/IF             | 1:100-1:1000         |
| IHC-P              | Assay dependent      |
| FCM                | Assay dependent      |

Not tested in other applications.

**Observed MW (kDa)** 45 (de-glycosylated form), 50-65 (glycosylated form) kDa.

**Product Note** This antibody was raised against human C3a Receptor Extracellular domain.

## Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | PBS                                                                                                                                                                                                                        |
| <b>Preservative</b>  | No preservatives                                                                                                                                                                                                           |
| <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> | 1 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                   |
| <b>Immunogen</b>     | Recombinant protein encompassing a sequence within the Extracellular domain of human C3a Receptor. The exact sequence is proprietary.                                                                                      |
| <b>Purification</b>  | Affinity purified by Protein A.                                                                                                                                                                                            |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |



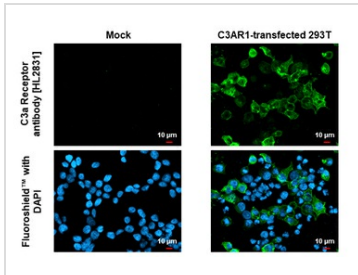
For full product information, images and publications, please visit our [website](#).

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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.

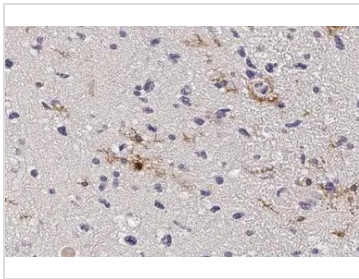
**DATA IMAGES**

**GTX640102 ICC/IF Image**

C3a Receptor antibody [HL2831] detects C3a Receptor protein by immunofluorescent analysis.

Sample: Mock and transfected 293T cells were fixed in ice-cold MeOH for 5 min.

Green: C3a Receptor stained by C3a Receptor antibody [HL2831] (GTX640102) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

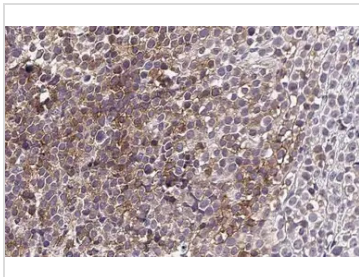

**GTX640102 IHC-P Image**

C3a Receptor antibody [HL2831] detects C3a Receptor protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded human glioblastoma.

C3a Receptor stained by C3a Receptor antibody [HL2831] (GTX640102) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

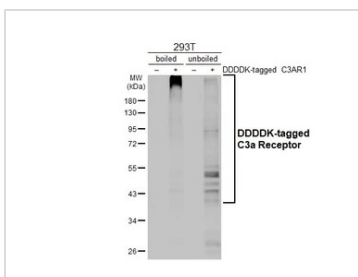

**GTX640102 IHC-P Image**

C3a Receptor antibody [HL2831] detects C3a Receptor protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded HL-60 xenograft.

C3a Receptor stained by C3a Receptor antibody [HL2831] (GTX640102) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX640102 WB Image**

Non-transfected (–) and transfected (+) boiled and unboiled 293T whole cell extracts (30 μg) were separated by 10% SDS-PAGE, and the membrane was blotted with C3a Receptor antibody [HL2831] (GTX640102) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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