

# PE/Cyanine7 Anti-Mouse TNFAlpha Antibody [XT3.11]

AGEL4458

## Description

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This PE/Cyanine7 Anti-Mouse TNFAlpha Antibody [XT3.11] is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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|----------------------|--|
| <b>SKU:</b>          | AGEL4458   |
| <b>Contents:</b>     | 50 Tests, 100 Tests<br>Bradford Reagent: 1 vial (2ml)  |
| <b>Category:</b>     | Monoclonal Antibody  |
| <b>Clonality:</b>    | Monoclonal   |
| <b>Clone:</b>        | XT3.11   |
| <b>Synonyms:</b>     | Tumor necrosis factor- $\alpha$ , Cachectin, Necrosin, Macrophage cytotoxic factor, Differentiation inducing factor, TNFSF-2, TNF-a, TNF-alpha |
| <b>Applications:</b> | <b>ICFCM</b>   |
| <b>Reactivity:</b>   | Mouse  |
| <b>Immunogen:</b>    | -  |

## Antibody Data

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|-------------------------|--|
| <b>Uniprot ID:</b>      | P06804   |
| <b>Gene ID:</b>         | 21926  |
| <b>Swissprot:</b>       | P06804   |
| <b>Host Species:</b>    | Rat  |
| <b>Isotype:</b>         | Rat IgG1, $\kappa$                                   |
| <b>Isotype Control:</b> | PE/Cyanine7 Rat IgG1, $\kappa$ Isotype Control[HRPN] |

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

|                                 |  |
|---------------------------------|--|
| <b>Conjugation:</b>             | PE/Cyanine 7   |
| <b>Conjugation Information:</b> | PE/Cyanine7 is designed to be excited by the Blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 775 nm (e.g., a 780/60 nm bandpass filter). |
| <b>Buffer:</b>                  | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.  |
| <b>Purification:</b>            | -  |
| <b>Target:</b>                  | TNF- $\alpha$  |
| <b>Cellular Localization:</b>   | Secreted   |
| <b>Tissue Specificity:</b>      | -  |
| <b>Verified Samples:</b>        | -  |
| <b>Concentration:</b>           | 5 $\mu$ L/Test   |

## Preparation & Storage

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**Storage:** This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.

**Shipping:** Ice bag

**Recommended Dilution:** -

**Recommended Usage:**

| Application | Recommended Usage  |
|-------------|--|
| FCM         | Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 $\mu$ L of antibody per test (million cells in 100 $\mu$ L staining volume or per 100 $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use |

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

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