

# Mouse anti-Human, Rat Transforming Growth Factor Alpha (TGFa) Monoclonal Antibody | anti-TGFa antibody

Biotin-Linked Monoclonal Antibody to Transforming Growth Factor Alpha (TGFa)

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                                                                |
|-----------|-------|------------|-----------------------------------------------------------------------------|
| AAA147985 | Mouse | Human, Rat | Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot |

## PRODUCT SYNONYMS

Transforming Growth Factor Alpha (TGFa); Monoclonal Antibody; Biotin-Linked Monoclonal Antibody to Transforming Growth Factor Alpha (TGFa); anti-TGFa antibody

## PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Reactivity                                     | Human, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Clonality                                      | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Isotype                                        | IgG2b Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Clone Number                                   | D20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Purity/Purification                            | Protein A/G Affinity Chromatography.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Form/Format                                    | Supplied as solution form in PBS, pH7.4, 50% glycerol 0.05% Proclin-300.                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Concentration                                  | 500ug/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applicable Applications for anti-TGFa antibody | IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Organism Species                               | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Source                                         | Monoclonal antibody preparation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Label                                          | Biotin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Traits                                         | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Cross Reactivity                               | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Immunogen                                      | Recombinant TGFa (Glu24~Ala98) expressed in E.coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Preparation and Storage                        | <p>Storage:</p> <p>Avoid repeated freeze/thaw cycles.</p> <p>Store at 4 degree C for frequent use.</p> <p>Aliquot and store at -20 degree C for 24 months.</p> <p>Stability Test:</p> <p>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p> |

## NCBI AND UNIPROT INFORMATION

|             |        |
|-------------|--------|
| NCBI GI #   | 553791 |
| NCBI GeneID | 7039   |

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| NCBI Official Full Name          | transforming growth factor alpha, partial |
| NCBI Official Synonym Full Names | transforming growth factor alpha          |
| NCBI Official Symbol             | TGFA                                      |
| NCBI Official Synonym Symbols    | TFGA                                      |
| NCBI Protein Information         | protransforming growth factor alpha       |
| UniProt Protein Name             | Protransforming growth factor alpha       |
| UniProt Gene Name                | <b>TGFA</b>                               |
| UniProt Synonym Gene Names       | TGF-alpha; ETGF                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/transforming-growth-factor-alpha-tgfa-antibody-clone-d20-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/147985>