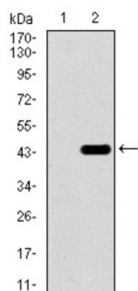
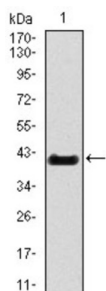


## T-Box Transcription Factor T (TBXT) Antibody

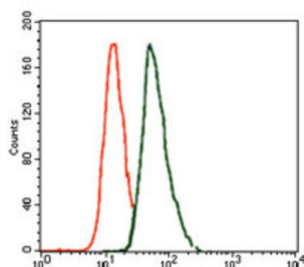
Catalogue No.: abx011866



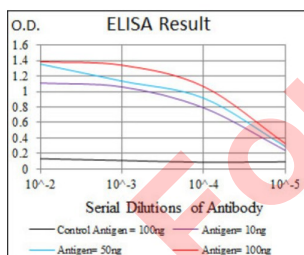
Western blot analysis using T antibody against human T recombinant protein. (Expected MW is 40.3 kDa).



Western blot analysis using T antibody against HEK293 (1) and T (AA: 218-352) -hlgGFc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of A549 cells using T antibody (green) and negative control (red).



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

The protein encoded by this gene is an embryonic nuclear transcription factor that binds to a specific DNA element, the palindromic T-site. It binds through a region in its N-terminus, called the T-box, and effects transcription of genes required for mesoderm formation and differentiation. The protein is localized to notochord-derived cells.

**Target:** T-Box Transcription Factor T (TBXT)

**Clonality:** Monoclonal

# Datasheet

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|                        |                                                                                                                              |
|------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Clone:                 | V236                                                                                                                         |
| Reactivity:            | Human                                                                                                                        |
| Tested Applications:   | ELISA, WB, FCM                                                                                                               |
| Host:                  | Mouse                                                                                                                        |
| Recommended dilutions: | ELISA: 1/10000, WB: 1/500-1/2000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user. |
| Conjugation:           | Unconjugated                                                                                                                 |
| Immunogen:             | Purified recombinant fragment of Human T (AA: 218-352) expressed in E. coli.                                                 |
| Isotype:               | IgG <sub>1</sub>                                                                                                             |
| Form:                  | Liquid                                                                                                                       |
| Purification:          | Purified from ascites by Protein G chromatography.                                                                           |
| Storage:               | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                                               |
| UniProt Primary AC:    | O15178 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                  |
| Gene Symbol:           | TBXT                                                                                                                         |
| GeneID:                | <a href="#">6862</a>                                                                                                         |
| OMIM:                  | <a href="#">182940</a>                                                                                                       |
| HGNC:                  | 11515                                                                                                                        |
| KEGG:                  | hsa:6862                                                                                                                     |
| Ensembl:               | ENSG00000164458                                                                                                              |
| String:                | <a href="#">9606.ENSP00000296946</a>                                                                                         |
| Molecular Weight:      | 47.4 kDa                                                                                                                     |
| Buffer:                | PBS, containing 0.05% sodium azide and 0.5% protein stabilizer.                                                              |
| Concentration:         | 1 mg/ml                                                                                                                      |

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**Note:**

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only