

## Mouse anti-Human CSTF3 Monoclonal Antibody | anti-CSTF3 antibody

CSTF3 (Cleavage Stimulation Factor Subunit 3, CF-1 77kD Subunit, Cleavage Stimulation Factor 77kD Subunit, CSTF 77kD Subunit, CstF-77) (HRP)

|                              |                      |                            |                                                                  |
|------------------------------|----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA25362</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|------------------------------|----------------------|----------------------------|------------------------------------------------------------------|

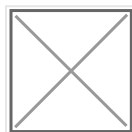
### PRODUCT SYNONYMS

CSTF3; Monoclonal Antibody; CSTF3 (Cleavage Stimulation Factor Subunit 3; CF-1 77kD Subunit; Cleavage Stimulation Factor 77kD Subunit; CSTF 77kD Subunit; CstF-77) (HRP); anti-CSTF3 antibody

### PRODUCT SPECIFICATIONS

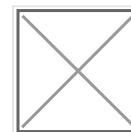
|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Reactivity                                      | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clonality                                       | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Isotype                                         | IgG1,k                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Clone Number                                    | 1D4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity                                     | Recognizes human CSTF3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Purity/Purification                             | Purified by Protein A Affinity Chromatography.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Form/Format                                     | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Applicable Applications for anti-CSTF3 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Application Notes                               | IHC-P: 3ug/ml<br>Applications are based on unconjugated antibody.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Immunogen                                       | Full length recombinant corresponding to aa1-103 from human CSTF3 (AAH09792) with GST tag. MW of the GST tag alone is 26kD.                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Immunogen Sequence                              | MSGDGATEQA AEYVPEKVKKAEKKLEENPYDLDAWSILIREAQNPIDKARKTYERLVAQFPSSGRFWKLYIEAEVTILFYFFLYQYCSIHCSDRKQVRNIA                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Conjugate                                       | HRP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Preparation and Storage                         | Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. |

### IMAGES



#### WB (Western Blot)

Western Blot analysis of CSTF3 expression in transfected 293T cell line by CSTF3 monoclonal antibody. Lane 1: CSTF3 transfected lysate (11.44kD). Lane 2: Non-transfected lysate.

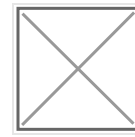


#### WB (Western Blot)

Western blot analysis of CSTF3 over-expressed 293 cell line, cotransfected with CSTF3 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with CSTF3 monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.

**Application Data**

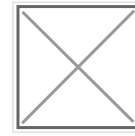
Detection limit for recombinant GST tagged CSTF3 is ~0.1ng/ml as a capture antibody.

**IF (Immunofluorescence)**

Immunofluorescence of monoclonal antibody to CSTF3 on HeLa cell. [antibody concentration 10ug/ml].

**IHC (Immunohistochemistry)**

Immunoperoxidase of monoclonal antibody to CSTF3 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3ug/ml].

**WB (Western Blot)**

Western Blot detection against Immunogen (37.07kD).

**ADDITIONAL INFORMATION**

Product Categories/Family for anti-CSTF3 antibody

[Antibodies](#); [Proteins](#)

**NCBI AND UNIPROT INFORMATION**

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">14602562</a>                                                     |
| NCBI GeneID                      | <a href="#">1479</a>                                                         |
| Molecular Weight                 | 4,952 Da                                                                     |
| NCBI Official Full Name          | Homo sapiens cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kDa, mRNA |
| NCBI Official Synonym Full Names | cleavage stimulation factor subunit 3                                        |
| NCBI Official Symbol             | CSTF3                                                                        |
| NCBI Official Synonym Symbols    | CSTF-77                                                                      |
| NCBI Protein Information         | cleavage stimulation factor subunit 3                                        |

**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/cstf3-antibody-clone-1d4-immunohistochemistry-western-blot-elisa/25362>