

**CSTB / Cystatin B / Stefin B Antibody (clone M2F1)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS14361****Specification**

---

**CSTB / Cystatin B / Stefin B Antibody (clone M2F1) - Product Information**

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Application       | WB, IHC-P, IF, E                                   |
| Primary Accession | <a href="#">P04080</a>                             |
| Reactivity        | Human                                              |
| Host              | Mouse                                              |
| Clonality         | Monoclonal                                         |
| Calculated MW     | 11kDa KDa                                          |
| Dilution          | WB~~1:1000<br>IHC-P~~N/A<br>IF~~1:50~200<br>E~~N/A |

**CSTB / Cystatin B / Stefin B Antibody (clone M2F1) - Additional Information****Gene ID** 1476**Other Names**

Cystatin-B, CPI-B, Liver thiol proteinase inhibitor, Stefin-B, CSTB, CST6, STFB

**Target/Specificity**

Human Cystatin B

**Reconstitution & Storage**

Aliquot and store at -20°C or -80°C. Avoid freeze-thaw cycles.

**Precautions**

CSTB / Cystatin B / Stefin B Antibody (clone M2F1) is for research use only and not for use in diagnostic or therapeutic procedures.

**CSTB / Cystatin B / Stefin B Antibody (clone M2F1) - Protein Information****Name** CSTB**Synonyms** CST6, STFB**Function**

This is an intracellular thiol proteinase inhibitor. Tightly binding reversible inhibitor of cathepsins L, H and B.

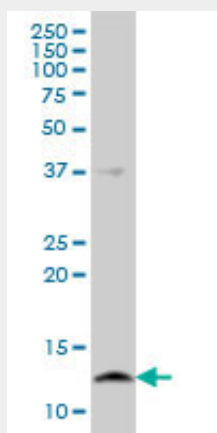
**Cellular Location**

Cytoplasm. Nucleus

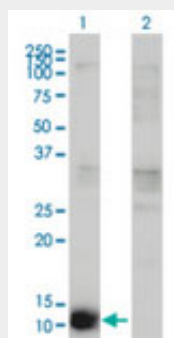
**CSTB / Cystatin B / Stefin B Antibody (clone M2F1) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

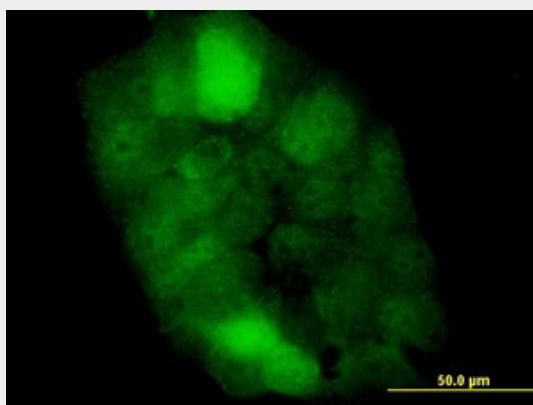
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**CSTB / Cystatin B / Stefin B Antibody (clone M2F1) - Images**

Western blot of CSTB expression in A-431 cell lysate.



Western blot of CSTB expression in transfected 293T cell line by CSTB antibody.



Immunofluorescence of monoclonal antibody to CSTB on A-431 cell. [antibody concentration 10 ug/ml]

#### **CSTB / Cystatin B / Stefin B Antibody (clone M2F1) - Background**

This is an intracellular thiol proteinase inhibitor. Tightly binding reversible inhibitor of cathepsins L, H and B.

#### **CSTB / Cystatin B / Stefin B Antibody (clone M2F1) - References**

Ritonja A., et al. Biochem. Biophys. Res. Commun. 131:1187-1192(1985).  
Pennacchio L.A., et al. Science 271:1731-1734(1996).  
Bhat K.S., et al. Submitted (MAY-1993) to the EMBL/GenBank/DDBJ databases.  
Hattori M., et al. Nature 405:311-319(2000).  
Riccio M., et al. Exp. Cell Res. 262:84-94(2001).