

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

CREST Mouse Monoclonal

|                               |                      |                            |                                            |
|-------------------------------|----------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA102760</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Western Blot, ELISA</b> |
|-------------------------------|----------------------|----------------------------|--------------------------------------------|

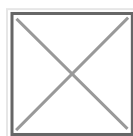
### PRODUCT SYNONYMS

CREST; Monoclonal Antibody; CREST Mouse Monoclonal; KIAA0693; LP2261; SS18 like protein 1; SS18L1; SYT homolog 1; anti-CREST antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                        |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                                  |
| Reactivity                                      | Human                                                                                                                  |
| Clonality                                       | Monoclonal                                                                                                             |
| Isotype                                         | IgG1                                                                                                                   |
| Specificity                                     | Human, Mouse, Rat; other species are not tested. Please decide the specificity by homology                             |
| Purity/Purification                             | >=95% as determined by SDS-PAGE<br>Protein A+G purification                                                            |
| Form/Format                                     | Liquid                                                                                                                 |
| Applicable Applications for anti-CREST antibody | WB (Western Blot), ELISA                                                                                               |
| Immunogen                                       | Synovial sarcoma translocation gene on chromosome 18-like 1                                                            |
| Preparation and Storage                         | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20 degree C for 24 months (Avoid repeated freeze / thaw cycles.) |

### IMAGES



#### WB (Western Blot)

NIH/3T3 cells were subjected to SDS PAGE followed by western blot with AAA102760 (CREST antibody) at dilution of 1:3000

### ADDITIONAL INFORMATION

#### Related Product Information for anti-CREST antibody

Transcriptional activator which is required for calcium-dependent dendritic growth and branching in cortical neurons. Recruits CREB-binding protein (CREBBP) to nuclear bodies. Component of the CREST-BRG1 complex, a multiprotein complex that regulates promoter activation by orchestrating a calcium-dependent release of a repressor complex and a recruitment of an activator complex. In resting neurons, transcription of the c-FOS promoter is inhibited by BRG1-dependent recruitment of a phospho-RB1-HDAC1 repressor complex. Upon calcium influx, RB1 is dephosphorylated by calcineurin, which leads to release of the repressor complex. At the same time, there is increased recruitment of CREBBP to the promoter by a CREST-dependent mechanism, which leads to transcriptional activation. The CREST-BRG1 complex also binds to the NR2B promoter, and activity-dependent induction of NR2B expression involves a release of HDAC1 and recruitment of CREBBP (By similarity).

NCBI AND UNIPROT INFORMATION

|                     |        |
|---------------------|--------|
| UniProt Accession # | O75177 |
|---------------------|--------|

**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/crest-antibody-western-blot-elisa/102760>