Datasheet for ABIN2464051
anti－FES antibody（truncated）

## 2 Images

## Overview

| Quantity： | 0.1 mL |
| :--- | :--- |
| Target： | FES |
| Binding Specificity： | truncated |
| Reactivity： | Human |
| Host： | Mouse |
| Clonality： | Monoclonal |
| Conjugate： | This FES antibody is un－conjugated |
| Application： | Western Blotting（WB），ELISA，Immunohistochemistry（IHC） |

Product Details

| Immunogen： | Ni－NTA purified truncated recombinant FES－His expressed in E．Coli strain BL21（DE3）． |
| :--- | :--- |
| Clone： | 2E3G3－2G9G1 |
| Isotype： | FES |
| Target Details | FES（FES Products） |
| Target： | FES（feline sarcoma oncogene）and Fer are the only two members of a unique family of |
| Alternative Name： | cytoplasmic protein tyrosine kinases．FES and Fer contain a central Src homology－2（SH2） <br> domain and a carboxy－terminal tyrosine kinase catalytic domain．They are structurally |
| Background： | distinguished from other members of cytoplasmic protein tyrosine kinase subfamilies by the |

## Target Details

|  | presence of amino-terminal Fer/CIP4 homology and coiled-coil domains. FES was originally identified as an oncogene from avian and feline retroviruses. Human c-Fes has been implicated in myeloid, vascular endothelial and neuronal cell differentiation. FES has tyrosine-specific protein kinase activity and that activity is required for maintenance of cellular transformation. Mutations may activate the FES kinase and thereby contribute to cancer. However, recent data strongly suggests that the c-FES protein-tyrosine kinase is a tumor suppressor rather than a dominant oncogene in colorectal cancer. |
| :---: | :---: |
| Gene ID: | 2242 |
| UniProt: | P07332 |
| Pathways: | Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Signaling Events mediated by VEGFR1 and VEGFR2 |
| Application Details |  |
| Application Notes: | Western Blot:1:500-1:2,000 |
|  | IHC(P):1:500-1:2,000 |
|  | ELISA:Propose dilution 1:10,000. |
|  | Determining optimal working dilutions by titration test. |
| Restrictions: | For Research Use only |
| Handling |  |
| Format: | Liquid |
| Buffer: | Ascitic fluid containing $0.03 \%$ sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |
| Storage: | $-20^{\circ} \mathrm{C}$ |
| Storage Comment: | FES monoclonal antibody can be stored at $-20^{\circ} \mathrm{C}$, stable for one year. |

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## Western Blotting

Image 1.

## Immunohistochemistry

## Image 2.

