

## Anti-ZBTB7A/FBI-1/LRF antibody (450-550) [S3MR] (STJ11103133)

### GENERAL INFORMATION

|               |                       |
|---------------|-----------------------|
| Product Type  | Primary antibodies    |
| Applications  | WB/IHC-P/IF/ICC/ELISA |
| Host / Source | Rabbit                |
| Reactivity    | Human                 |

### PRODUCT PROPERTIES

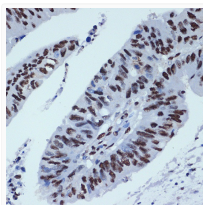
|                     |                                                                                                                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Monoclonal                                                                                                                                                                                              |
| Concentration       | Lot specific                                                                                                                                                                                            |
| Conjugation         | Unconjugated                                                                                                                                                                                            |
| Purification        | Affinity purification                                                                                                                                                                                   |
| Dilution Range      | WB:1:1000-1:6000<br>IHC-P:1:100-1:1000<br>IF/ICC:1:200-1:2000<br>ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation         | PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.                                                                                                                                           |
| Isotype             | IgG                                                                                                                                                                                                     |
| Molecular Weight    | Protein Mw: 61kDa<br>Observed Mw: 70kDa                                                                                                                                                                 |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                                                          |

### TARGET INFORMATION

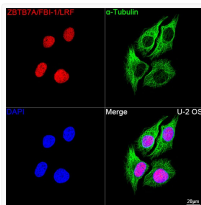
|                    |                                                                                                                |
|--------------------|----------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">51341</a>                                                                                          |
| Gene Symbol        | <a href="#">ZBTB7A</a>                                                                                         |
| UniProt ID         | <a href="#">ZBT7A_HUMAN</a>                                                                                    |
| Immunogen Region   | 450-550                                                                                                        |
| Immunogen Sequence | NYDLKNHMRVHTGLRPYQCD SCCKTFVRSDDLHRLKKGK CNGVPSRRGRKPRVRGGAPD<br>PSPGATATPGAPAQPSPPDA RRNGQEKHFKDEDEDEDVAS P   |
| Specificity        | A synthetic peptide corresponding to a sequence within amino acids 450-550 of human ZBTB7A/FBI-1/LRF (O95365). |

### ADDITIONAL INFORMATION

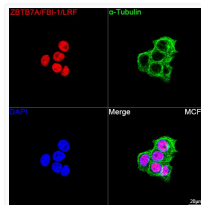
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



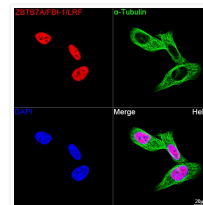
Immunohistochemistry analysis of ZBTB7A/FBI-1/LRF in paraffin-embedded human colon carcinoma using ZBTB7A/FBI-1/LRF Rabbit monoclonal antibody (STJ11103133) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



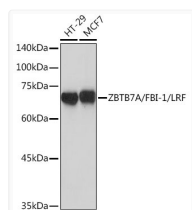
Confocal imaging of U-2 OS cells using ZBTB7A/FBI-1/LRF Rabbit monoclonal antibody (STJ11103133, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). The cells were counterstained with Alpha-Tubulin Mouse monoclonal antibody (dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) antibody (dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of MCF7 cells using ZBTB7A/FBI-1/LRF Rabbit monoclonal antibody (STJ11103133, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). The cells were counterstained with Alpha-Tubulin Mouse monoclonal antibody (dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) antibody (dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of HeLa cells using ZBTB7A/FBI-1/LRF Rabbit monoclonal antibody (STJ11103133, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). The cells were counterstained with Alpha-Tubulin Mouse monoclonal antibody (dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) antibody (dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Western blot analysis of various lysates using ZBTB7A/FBI-1/LRF Rabbit monoclonal antibody (STJ11103133) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.