

## Anti-TRIM21 Antibody (Monoclonal, 31T12)

Catalog Number: M02079

### About TRIM21

Tripartite motif-containing protein 21 also known as E3 ubiquitin-protein ligase TRIM21 is a protein that in humans is encoded by the TRIM21 gene. It is mapped to 11p15.4. This gene encodes a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The encoded protein is part of the RoSSA ribonucleoprotein, which includes a single polypeptide and one of four small RNA molecules. The RoSSA particle localizes to both the cytoplasm and the nucleus. RoSSA interacts with autoantigens in patients with Sjogren syndrome and systemic lupus erythematosus. Alternatively spliced transcript variants for this gene have been described but the full-length nature of only one has been determined.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-TRIM21 Antibody (Monoclonal, 31T12)   |
| Reactive Species     | Human  |
| Description          | Boster Bio Anti-TRIM21 Antibody (Monoclonal, 31T12) catalog # M02079. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human.   |
| Application          | Flow Cytometry, IP, IF, IHC, ICC, WB   |
| Clonality            | Monoclonal 31T12   |
| Formulation          | Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.<br>This antibody is supplied in a stabilized formulation.<br>Compatibility with conjugation reactions depends on the chemistry of the conjugation method used.<br>For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.   |
| Host                 | Rabbit   |
| Uniprot ID           | P19474   |

### Technical Details

|               |  |
|---------------|--|
| Immunogen     | Recombinant protein within human TRIM21 aa 3-473 (P19474). |
| Form          | Liquid   |
| Concentration | 500 ug/ml  |
| Purification  | Protein A affinity purified.                               |

Suggested Dilutions

Western blot, 1:500-2000  
Immunohistochemistry, 1:50-200  
Immunocytochemistry/Immunofluorescence, 1:50-200  
ImmunoPrecipitation, 1:50  
Flow Cytometry (Fixed), 1:50-200

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