

## Anti-VTCN1 Antibody (Monoclonal, 32V36)

Catalog Number: M02821-3

### About VTCN1

V-set domain-containing T-cell activation inhibitor 1 is a protein that in humans is encoded by the VTCN1 gene. It is mapped to 1p13.1-p12. This gene encodes a protein belonging to the B7 costimulatory protein family. Proteins in this family are present on the surface of antigen-presenting cells and interact with ligand bound to receptors on the surface of T cells. Studies have shown that high levels of the encoded protein has been correlated with tumor progression. A pseudogene of this gene is located on chromosome 20. Multiple transcript variants encoding different isoforms have been found for this gene.

### Overview

Product Name	Anti-VTCN1 Antibody (Monoclonal, 32V36)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-VTCN1 Antibody (Monoclonal, 32V36) catalog # M02821-3. Tested in WB, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, ICC, WB
Clonality	Monoclonal 32V36
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. 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	Q7Z7D3

### Technical Details

Immunogen	Synthetic peptide within human B7H4 aa 103-148.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunocytochemistry/Immunofluorescence, 1:50-200

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