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Anti-Phospho-ITK (Y512) Antibody

Catalog Number: P01385

About ITK

Tyrosine-protein kinase ITK/TSK, also known as interleukin-2-inducible T-cell kinase or simply ITK, is a protein that in humans is encoded by the ITK gene. It is a member of the TEC family of kinases. This gene is mapped to 5q33.3. This gene encodes an intracellular tyrosine kinase expressed in T-cells. The protein is thought to play a role in T-cell proliferation and differentiation. Furthermore, ITK is functionally important for the development and effector function of Th2 and Th17 cells.

Overview

Product Name	Anti-Phospho-ITK (Y512) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-ITK (Y512) Antibody catalog # P01385. Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg stabilizing protein 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	12 months from date of receipt-20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q08881

Technical Details

Immunogen	A synthesized peptide derived from human ITK around the phosphorylation site of Tyr512.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200

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Anti-Phospho-ITK (Y512) Antibody

For Research Use Only. Not for use in diagnostic procedures.