

Anti-PDCD5 Antibody

Catalog Number: A02613-1

About PDCD5

Programmed cell death 5 (PDCD5), a human apoptosis-related protein, is thought to play an early and universal role in apoptosis. PDCD5 is widely expressed and is upregulated in cells undergoing apoptosis, where it translocates rapidly from the cytoplasm to the nucleus. PDCD5 has a compact core structure of low flexibility with two mobile alpha-helices at N-terminal and a flexible unstructured C-terminal region. The charged residues are crucial for the ability of apoptosis-promoting and cell translocation of the protein. PDCD5 can facilitate apoptosis and enhance TAJ/TROY-induced paraptosis-like cell death. PDCD5 may play a dual role in the Tip60 pathway. It interacts with Tip60 and functions as a Tip60 co-activator to promote apoptosis. The nucleotide polymorphisms in the 5'-upstream region of PDCD5 affect promoter activity and the susceptibility of a Chinese population to develop chronic myelogenous leukemia and may represent a novel tumor suppressor gene influencing lung cancer.

Overview

Product Name	Anti-PDCD5 Antibody
Reactive Species	Human
Description	Boster Bio Anti-PDCD5 Antibody catalog # A02613-1. Tested in WB, IHC, ELISA applications. This antibody reacts with Human.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 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 at -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	O14737

Technical Details

Immunogen	E.coli-derived human PDCD5 recombinant protein (Position: M1-D120).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.

Suggested Dilutions

Western blot, 1:500-2000
Immunohistochemistry, 1:50-400
ELISA, 1:100-1000

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