

Datasheet for ABIN740135

anti-IL-9 antibody (AA 21-120) (Cy5.5)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	IL-9 (IL9)
Binding Specificity:	AA 21-120
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-9 antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse IL-9
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Rat
Purification:	Purified by Protein A.

Target Details

Target:	IL-9 (IL9)
Alternative Name:	IL-9 (IL9 Products)

Target Details

Background:	Synonyms: P4, Il-9, Interleukin-9, Cytokine P4, T-cell growth factor P4, Il9 Background: The protein encoded by this gene is a cytokine that acts as a regulator of a variety of hematopoietic cells. This cytokine stimulates cell proliferation and prevents apoptosis. It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes. The gene encoding this cytokine has been identified as a candidate gene for asthma. Genetic studies on a mouse model of asthma demonstrated that this cytokine is a determining factor in the pathogenesis of bronchial hyperresponsiveness. [provided by RefSeq, Jul 2008].
Gene ID:	16198
UniProt:	P15247
Pathways:	JAK-STAT Signaling

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months