

Datasheet for ABIN7425659
anti-IL-5 antibody (AA 20-134)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	IL-5 (IL5)
Binding Specificity:	AA 20-134
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL-5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Interleukin 5 (IL5)
Immunogen:	Recombinant Interleukin 5 (IL5) corresponding to Ile20~Ser134 with N-terminal His Tag
Clone:	C1
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against IL5. It has been selected for its ability to recognize IL5 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

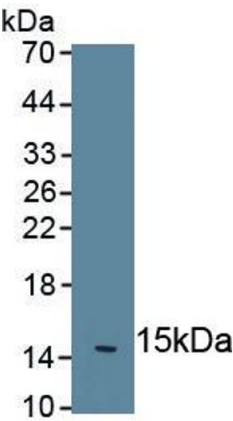
Target:	IL-5 (IL5)
Alternative Name:	Interleukin 5 (IL5 Products)
Background:	E-CSF, ESGF, EDF, TRF, Colony-Stimulating Factor, Eosinophil, T-Cell replacing Factor, B Cell Differentiation Factor I, Eosinophil Differentiation Factor
Pathways:	JAK-STAT Signaling , Positive Regulation of Peptide Hormone Secretion , Production of Molecular Mediator of Immune Response , Feeding Behaviour

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of Recombinant IL5, Human using Monoclonal Antibody to Interleukin 5 (IL5)