

Datasheet for ABIN6971363
anti-AGO2 antibody (AA 1-148)



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Overview

Quantity:	100 µg
Target:	AGO2
Binding Specificity:	AA 1-148
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This AGO2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	This Ago2 antibody was raised against a recombinant protein corresponding to amino acids 1-148 of human Ago2.
Clone:	1B1-E2H5
Isotype:	IgG2a
Characteristics:	Argonaute 2 (Ago2, aka EIF2C2) is a member of the Argonaute family of proteins involved in RNAi mediated gene silencing through siRNA and miRNA effectors. The Argonaute proteins are part of RISC, the RNAi Induced Silencing Complex. Binding of RISC can inhibit mRNA translation and results in the degradation of the mRNA through the action of Ago2-mediated target cleavage. Ago2 antibody (mAb) (Clone 1B1-E2H5) was raised in a Mouse host. It has been validated for use in Immunocytochemistry, Immunofluorescence, Immunoprecipitation and

Product Details

Western blot, it has been shown to react with Human samples.

Purification: Protein G Chromatography

Target Details

Target: AGO2

Alternative Name: Ago2 ([AGO2 Products](#))

Molecular Weight: 100 kDa

NCBI Accession: [NP_036286](#)

Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [Regulatory RNA Pathways](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: Purified IgG in 70 mM Tris (pH 8), 105 mM NaCl, 31 mM glycine, 0.07 mM EDTA, 30 % glycerol and 0.035 % sodium azide.

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: -20 °C

Storage Comment: Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.