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Datasheet for 200-401-192

CIITA Antibody

Overview

Description:	Anti-CIITA (RABBIT) Antibody - 200-401-192
Item No.:	200-401-192
Size:	100 µg
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	Anti-CIITA antibody detects CIITA. The transactivator CIITA regulates basal and interferon-induced expression of Major Histocompatibility Complex class II genes. CIITA restores expression of all MHC class II gene expression in mutant cells and corrects regulatory defects of MHC class II genes. Antibodies to this transactivator are useful in the study of diseases of pathological MHC class II expression. Antigen can be obtained from Raji cell lysates. Typically levels of CIITA expression are too low to detect endogenous levels of protein expression. Transiently transfected cells are usually employed to study this transcription factor.
Synonyms:	rabbit anti-CIITA Antibody, MHC class II transactivator type III antibody, MHC2TA antibody, NLR family acid domain containing antibody, NLRA antibody, Nucleotide binding oligomerization domain leucine rich repeat and acid domain containing antibody
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	CIITA
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-CIITA was produced by repeated immunizations with CIITA peptide corresponding to a region near the N-terminus of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH).

Purity/Specificity:	Anti-CIITA antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as purified and partially purified CIITA [Human]. Cross reactivity against CIITA from other species may occur but have not been specifically determined.
Relevant Links:	• NCBI - NP_000237.2 • UniProtKB - P33076 • GeneID - 4261

Application Details

Application Note:	Anti-CIITA is suitable for the detection by immunoblot of human CIITA and ELISA.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:5,000 - 1:25,000
WB:	1:500 - 1:3,000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	0.95mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

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