

DATASHEET

CD152 Syrian Hamster Monoclonal Antibody(9H10)

CAT. NO. AMA03739

KEY FEATURES

Target	CD152	Source / Host	Syrian Hamster
Reactivity	Mouse	Clonality	Monoclonal
Applications	IF/ICC, FC	Conjugation	Unconjugated
Form / Buffer	Syrian Hamster IgG. Liquid in PBS, pH 7.3, and 0.02% sodium azide.	Storage	at-20°C

BACKGROUND

This gene is a member of the immunoglobulin superfamily and encodes a protein which transmits an inhibitory signal to T cells. The protein contains a V domain, a transmembrane domain, and a cytoplasmic tail. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. The membrane-bound isoform functions as a homodimer interconnected by a disulfide bond, while the soluble isoform functions as a monomer. Mutations in this gene have been associated with insulin-dependent diabetes mellitus, Graves disease, Hashimoto thyroiditis, celiac disease, systemic lupus erythematosus, thyroid-associated orbitopathy, and other autoimmune diseases.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IF/ICC	1:50 - 1:200
FC	1:500 - 1:2000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Armenian Hamster monoclonal antibody to CD152
Specificity	Recognizes mouse CD152
Antibody Type	Primary antibody
Immunogen	Mouse CTLA-4-mouse IgG2a fusion protein
Purification	The antibody was purified by affinity chromatography.
Form/Buffer	Syrian Hamster IgG. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Alternative Names	CD152; Cytotoxic T-lymphocyte protein 4; Cytotoxic T-lymphocyte-associated antigen 4; CTLA-4; CD152
Gene Symbol	CTLA4
Entrez Gene	12477(Mouse)
SwissProt	P09793(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

CD152 Syrian Hamster Monoclonal Antibody(9H10)

CAT. NO. AMA03739

| DATA

| STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

| NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.