



Armenian Hamster Anti-Mouse IFNyR α (CD119) Monoclonal antibody, clone 2E2 (CABT-L4519)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview

The 2E2 monoclonal antibody reacts with the mouse IFNyR (interferon gamma receptor) α chain also known as CD119 and IFNy receptor 1. CD119 heterodimerizes with IFNy receptor 2 (AF-1) to form the IFNyR, a class II cytokine receptor. The IFNyR is expressed ubiquitously on almost all cell types with the exception of mature erythrocytes. The 2E2 antibody is reported as a non-neutralizing antibody; it does not block the binding of IFNy to the receptor.

Target

Mouse IFNyR α (CD119)

Immunogen

Purified soluble recombinant mouse IFNyR α chain

Isotype

IgG

Source/Host

Armenian Hamster

Species Reactivity

Mouse

Clone

2E2

Purification

Protein A purified.
Purity>95%. Determined by SDS-PAGE

Conjugate

Functional Grade

Applications

WB, IP, FC

Molecular Weight

150 kDa

Format

0.2 μ M filtered liquid. Purified from tissue culture supernatant in an animal free facility

Concentration	Lot specific
Size	5 mg
Buffer	PBS, pH 7.0. Contains no stabilizers or preservatives. [low endotoxin azide-free] Endotoxin level: <2EU/mg (<0.002EU/µg). Determined by LAL gel clotting assay Related dilution buffer: CABT-LB04
Preservative	None
Storage	The antibody solution should be stored undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	This gene (IFNGR1) encodes the ligand-binding chain (alpha) of the gamma interferon receptor. Human interferon-gamma receptor is a heterodimer of IFNGR1 and IFNGR2. A genetic variation in IFNGR1 is associated with susceptibility to Helicobacter pylori infection. In addition, defects in IFNGR1 are a cause of mendelian susceptibility to mycobacterial disease, also known as familial disseminated atypical mycobacterial infection. [provided by RefSeq, Jul 2008]
Keywords	IFNGR1;interferon gamma receptor 1;CD119;IFNGR;IMD27A;IMD27B;CDw119;AVP, type 2;IFN-gamma-R1;CD119 antigen;IFN-gamma receptor 1;antiviral protein, type 2;immune interferon receptor 1;interferon-gamma receptor alpha chain;

GENE INFORMATION

Official Symbol	interferon gamma receptor 1
Synonyms	IFNGR1; interferon gamma receptor 1; CD119; IFNGR; IMD27A; IMD27B; CDw119; AVP, type 2; IFN-gamma-R1; CD119 antigen; IFN-gamma receptor 1; antiviral protein, type 2; immune interferon receptor 1; interferon-gamma receptor alpha chain;
References	Lee-Chang, C., et al. (2016). "Aging Converts Innate B1a Cells into Potent CD8+ T Cell Inducers." <i>J Immunol</i> 196(8): 3385-3397. PubMed;