

Product datasheet

Anti-IFNGR1 antibody [RM0093-7K23] ab86453

概述

产品名称	Anti-IFNGR1抗体[RM0093-7K23]
描述	大鼠单克隆抗体[RM0093-7K23] to IFNGR1
宿主	Rat
经测试应用	适用于: WB
种属反应性	与反应: Mouse
免疫原	Recombinant IFNGR1 protein (mouse).
常规说明	This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from an immunized rat).

性能

形式	Lyophilised:Reconstitute the antibody with 200 µl sterile PBS for an 0.5mg/ml solution.
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: None Constituents: PBS
纯度	Protein A purified
纯化说明	The IgG fraction of culture supernatant was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 µm filtered solution.
Primary antibody说明	This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from an immunized rat).
克隆	单克隆
克隆编号	RM0093-7K23
同种型	IgG2

应用

Our [Abpromise guarantee](#) covers the use of **ab86453** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/500 - 1/1000. Predicted molecular weight: 52 kDa.

靶标

功能	Receptor for interferon gamma. Two receptors bind one interferon gamma dimer.
疾病相关	Defects in IFNGR1 are a cause of mendelian susceptibility to mycobacterial disease (MSMD) [MIM:209950]; also known as familial disseminated atypical mycobacterial infection. This rare condition confers predisposition to illness caused by moderately virulent mycobacterial species, such as Bacillus Calmette-Guerin (BCG) vaccine and environmental non-tuberculous mycobacteria, and by the more virulent Mycobacterium tuberculosis. Other microorganisms rarely cause severe clinical disease in individuals with susceptibility to mycobacterial infections, with the exception of Salmonella which infects less than 50% of these individuals. The pathogenic mechanism underlying MSMD is the impairment of interferon-gamma mediated immunity whose severity determines the clinical outcome. Some patients die of overwhelming mycobacterial disease with lepromatous-like lesions in early childhood, whereas others develop, later in life, disseminated but curable infections with tuberculoid granulomas. MSMD is a genetically heterogeneous disease with autosomal recessive, autosomal dominant or X-linked inheritance.
序列相似性	Belongs to the type II cytokine receptor family. Contains 2 fibronectin type-III domains. Contains 2 Ig-like C2-type (immunoglobulin-like) domains.
翻译后修饰	Phosphorylated at Ser/Thr residues.
细胞定位	Membrane.

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