

Product datasheet

Anti-Interferon gamma antibody [F-3] ab7372

製品の概要

製品名	Anti-Interferon gamma antibody [F-3]
製品の詳細	Rat monoclonal [F-3] to Interferon gamma
特異性	This antibody binds and neutralizes both natural and recombinant mouse gamma Interferon.
アプリケーション	適用あり: IP, Inhibition Assay
種交差性	交差種: Mouse

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	PBS with 0.1% sodium azide
精製度	IgG fraction
ポリ/モノ	モノクローナル
クローン名	F-3
アイソタイプ	IgG2a

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab7372** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
IP		Use at an assay dependent dilution.
Inhibition Assay		Use at an assay dependent dilution. inhibits the activity of IFN gamma both <i>in vivo</i> and <i>in vitro</i> .

ターゲット情報

機能	Produced by lymphocytes activated by specific antigens or mitogens. IFN-gamma, in addition to having antiviral activity, has important immunoregulatory functions. It is a potent activator of
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macrophages, it has antiproliferative effects on transformed cells and it can potentiate the antiviral and antitumor effects of the type I interferons.

組織特異性

Released primarily from activated T lymphocytes.

関連疾患

In Caucasians, genetic variation in IFNG is associated with the risk of aplastic anemia (AA) [MIM:609135]. AA is a rare disease in which the reduction of the circulating blood cells results from damage to the stem cell pool in bone marrow. In most patients, the stem cell lesion is caused by an autoimmune attack. T-lymphocytes, activated by an endogenous or exogenous, and most often unknown antigenic stimulus, secrete cytokines, including IFN-gamma, which would in turn be able to suppress hematopoiesis.

配列類似性

Belongs to the type II (or gamma) interferon family.

翻訳後修飾

Proteolytic processing produces C-terminal heterogeneity, with proteins ending alternatively at Gly-150, Met-157 or Gly-161.

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