

Product datasheet

Anti-Interferon gamma antibody [D9D10] (Phycoerythrin)
ab11732

製品の概要

製品名	Anti-Interferon gamma antibody [D9D10] (Phycoerythrin)
製品の詳細	Mouse monoclonal [D9D10] to Interferon gamma (Phycoerythrin)
由来種	Mouse
標識	Phycoerythrin. Ex: 488nm, Em: 575nm
特異性	This antibody recognises both natural and recombinant human Interferon gamma, binding only to the dimeric (functional) form.
アプリケーション	適用あり: Flow Cyt
種交差性	交差種: Human, Baboon
免疫原	Full length native protein (purified) (Human).
特記事項	This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	Preservative: 0.09% Sodium Azide Constituents: 1% BSA, PBS, pH 7.2
特記事項 (精製)	Purified IgG prepared by ion exchange chromatography.
ポリ/モノ	モノクローナル
クローン名	D9D10
ミエローマ	P3x63-Ag8.653
アイソタイプ	IgG1

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab11732** in the following tested applications.

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

Flow Cyt

追加情報

Flow Cyt: undiluted - 1/10. Use 10 µl of the suggested working dilution to label 10⁶ cells in 100 µl. Membrane permeabilization is required for this application.

Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

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 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.

細胞内局在

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