

Product datasheet

Anti-Interferon gamma antibody [DB-1] ab22543

製品の概要

製品名	Anti-Interferon gamma antibody [DB-1]
製品の詳細	Mouse monoclonal [DB-1] to Interferon gamma
由来種	Mouse
特異性	This antibody reacts with both mouse and rat Interferon gamma. Clone DB-1 exhibits high affinity binding to the natural and recombinant forms and effectively neutralises the anti viral activity of IFN-gamma. It also blocks the induction of La antigen expression on murine keratinocytes.
アプリケーション	適用あり: ELISA, Blocking, Neutralising
種交差性	交差種: Mouse, Rat
免疫原	Recombinant full length rat IFN gamma

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.09% Sodium Azide Constituents: PBS
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	DB-1
アイソタイプ	IgG1

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab22543** 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
ELISA		
Blocking		

Neutralising

追加情報

BL: Use at an assay dependent dilution
ELISA: Use at a concentration of 10 µg/ml, 100ul/well as coating antibody
Neut: Use at an assay dependent dilution.

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

Secreted.

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