

Product datasheet

Anti-Interferon gamma antibody [MD-1] ab25014

★★★★☆ 1 Abreviews [画像数 1](#)

製品の概要

製品名	Anti-Interferon gamma antibody [MD-1]
製品の詳細	Mouse monoclonal [MD-1] to Interferon gamma
由来種	Mouse
特異性	The antibody recognises IFN-gamma but does not react IFN-alpha and beta.
アプリケーション	適用あり: ELISA, ELISpot, Neutralising, WB, Sandwich ELISA, Flow Cyt, IHC-Fr
種交差性	交差種: Human, Monkey 非交差種: Mouse, Rat
免疫原	Recombinant full length protein (Human)
ポジティブ・コントロール	<div style="border: 1px solid #ccc; padding: 5px; background-color: #f9f9f9;"> <p>ウエスタン・プロット用ポジティブコントロール Recombinant Human Interferon gamma protein ></p> </div>

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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.05% Sodium azide Constituents: PBS, 4.275% Trehalose
精製度	Ion Exchange Chromatography
ポリモノ	モノクローナル
クローン名	MD-1
アイソタイプ	IgG1

アプリケーション

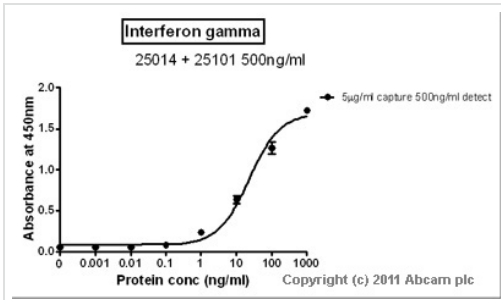
Our [Abpromise guarantee](#) covers the use of **ab25014** in the following tested applications.

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	★★★★☆	Use at an assay dependent concentration. Use at an assay dependent dilution.
ELISpot		Use at an assay dependent concentration. Use at an assay dependent dilution.
Neutralising		Use at an assay dependent concentration. Antibody activity is 15,000 neutralizing units/mg protein. One neutralizing unit is defined as the total amount of antibodies sufficient for neutralizing one antiviral unit of human IFN-gamma as calibrated against NIH standard Gg 23-901-530.
WB		Use at an assay dependent concentration. Predicted molecular weight: 19 kDa. Use at an assay dependent dilution.
Sandwich ELISA		Use a concentration of 5 µg/ml. Can be paired for Sandwich ELISA with Rabbit polyclonal to Interferon gamma (ab25101) . For sandwich ELISA, use this antibody as Capture at 5µg/ml with ab25101 as Detection.
Flow Cyt		Use at an assay dependent concentration. Good for intracellular flow cytometric staining. Use at an assay dependent dilution. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IHC-Fr		Use at an assay dependent concentration. Use at an assay dependent dilution.

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.



Standard curve for Interferon gamma (Analyte: [ab51240](#)); dilution range 1pg/ml to 1µg/ml using Capture Antibody [ab25014](#) at 5µg/ml and Detector Antibody [ab25101](#) at 0.5µg/ml.

Sandwich ELISA - Anti-Interferon gamma antibody [MD-1] ([ab25014](#))

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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