Overview

Product name: Anti-Interferon alpha 2b antibody [4E10] ab9388

Description: Mouse monoclonal [4E10] to Interferon alpha 2b

Host species: Mouse

Tested applications: Suitable for: Indirect ELISA, WB

Species reactivity: Reacts with: Human

Immunogen: Recombinant full length protein (Human).

Positive control: Purchase matching WB positive control:
Recombinant Human Interferon alpha 2b protein

General notes: The neutralising bioassay was performed using L41 cell line and mouse encephalomyocarditis virus (EMCV). Briefly, interferon was pre-incubated with the test antibodies for 2 h at RT and then added to the cell monolayer. 24 h later the cells were infected with EMCV and cultured for further 24 h. Antiviral activity of interferon was evaluated using crystal-violet staining. Polyclonal antibodies to respective interferons and irrelevant monoclonal antibody of the same isotype were used as controls.

This product was changed from ascites to tissue culture supernatant on 28/11/2017. Lot numbers higher than GR317571-2, GR317571-3 and GR190761-4 will be from tissue culture supernatant. Please note that the dilutions may need to be adjusted accordingly.

Properties

Form: Liquid

Storage instructions: 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.

Storage buffer: pH: 7.40
Preservative: 0.1% Sodium azide

Purity: Protein A purified

Clonality: Monoclonal

Clone number: 4E10

Myeloma: NS0/1
Isotype: IgG1
Light chain type: unknown

Applications

Our Abpromise guarantee covers the use of **ab9388** in the following tested applications.

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

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Target

Function: Produced by macrophages, IFN-alpha have antiviral activities.
Sequence similarities: Belongs to the alpha/beta interferon family.
Cellular localization: Secreted.

Images

Immunoblot of human interferon alpha 2b using monoclonal antibody 4E10 at a dilution of 1:500 (4 µg/ml).
Lane 1 - interferon alpha 2b
Lane 2 - prestained standard proteins.

Immunoblot of human interferon alpha 2b using monoclonal antibody 4E10 at a dilution of 1:500 (4 µg/ml).
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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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