Product datasheet

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

Overview

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

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
Constituent: PBS

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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Lane 2 - prestained standard proteins.

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