

Product datasheet

Anti-Interferon alpha 2b antibody [9D3] ab9386

[10 References](#) [2 Images](#)

Overview

Product name	Anti-Interferon alpha 2b antibody [9D3]
Description	Mouse monoclonal [9D3] to Interferon alpha 2b
Host species	Mouse
Tested applications	Suitable for: Sandwich ELISA, Neutralising
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein corresponding to Human Interferon alpha 2b. Database link: P01563
Positive control	WB: Human interferon-alpha 2b.
General notes	<p>This product was changed from ascites to tissue culture supernatant on 28/11/2017. Lot numbers higher than GR314306-1 will be from tissue culture supernatant. Please note that the dilutions may need to be adjusted accordingly.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

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: 7.2 Preservative: 0.1% Sodium azide Constituent: PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	9D3

Myeloma NS0/1
 Isotype IgG1

Applications

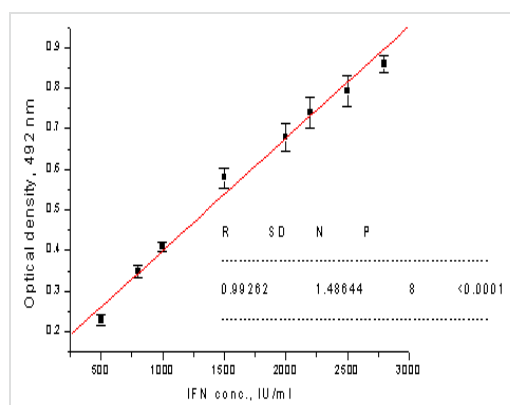
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab9386 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Sandwich ELISA		Use at an assay dependent concentration. This antibody can be used in a sandwich ELISA for the determination of human IFN-a2b. It recognizes different epitopes than anti-Interferon alpha 2b antibody [4E10] (HRP) (ab5258). We recommend using this antibody as a capture antibody and ab5258 as a detection antibody.
Neutralising		Use at an assay dependent concentration.

Target

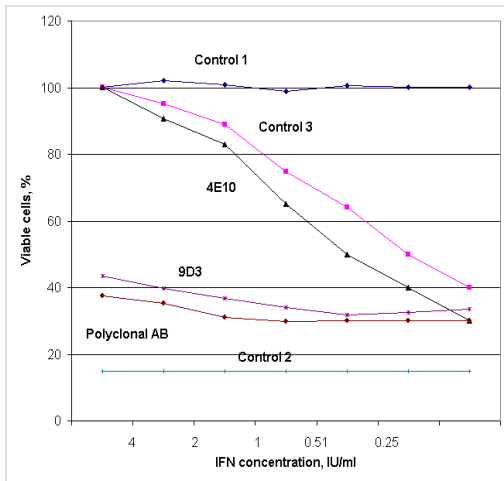
Function Produced by macrophages, IFN-alpha have antiviral activities.
Sequence similarities Belongs to the alpha/beta interferon family.
Cellular localization Secreted.

Images



Standard curve for the determination of human interferon-alpha 2b by two-epitope ELISA: capture antibody 9D3 (ab9386), peroxidase-labeled antibody 4E10 (**ab9388**).

Sandwich ELISA - Anti-Interferon alpha 2b antibody [9D3] (ab9386)



Neutralizing activity of monoclonal antibody 9D3 *in vitro*. Interferon antiviral bioassay: L41 cells, mouse encephalomyocarditis virus (EMCV). Antibodies at 5 µg/ml. Control 1 - without EMCV (non-infected cells), control 2 - without interferon, control 3 - irrelevant antibody.

Neutralising - Anti-Interferon alpha 2b antibody [9D3] (ab9386)

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