

Product datasheet

info@arigobio.com

ARG56615 anti-CXCL10 / IP10 antibody

Package: 50 μg Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes CXCL10 / IP10

Tested Reactivity Ms

Tested Application ELISA, IHC-Fr, Neut, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name CXCL10 / IP10

Species Mouse

Immunogen E.coli derived Recombinant Mouse IP-10 (CXCL10).

(IPLARTVRCN CIHIDDGPVR MRAIGKLEII PASLSCPRVE IIATMKKNDE QRCLNPESKT IKNLMKAFSQ KRSKRAP)

Conjugation Un-conjugated

Alternate Names gIP-10; INP10; 10 kDa interferon gamma-induced protein; IP-10; C-X-C motif chemokine 10; 1-73; Small-

inducible cytokine B10; IFI10; Gamma-IP10; SCYB10; crg-2; C7; mob-1

Application Instructions

Application table	Application	Dilution
	ELISA	Sandwich: 0.5 - 2.0 $\mu g/ml$ with ARG56729 as a detection antibody
	IHC-Fr	1.0 μg/ml
	Neut	$10.0~\mu\text{g/ml}$ (To yield [ND50] of the biological activity of mIP - 10 (100.0 ng/ml))
	WB	0.1 - 0.2 μg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form Liquid

Purification Affinity purification with immunogen.

Buffer PBS (pH 7.2)

Concentration 1 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Bioinformation

Database links <u>GeneID: 15945 Mouse</u>

Swiss-port # P17515 Mouse

Gene Symbol Cxcl10

Gene Full Name chemokine (C-X-C motif) ligand 10

Background This antimicrobial gene encodes a chemokine of the CXC subfamily and ligand for the receptor CXCR3.

Binding of this protein to CXCR3 results in pleiotropic effects, including stimulation of monocytes, natural killer and T-cell migration, and modulation of adhesion molecule expression. [provided by

RefSeq, Sep 2014]

Function Chemotactic for monocytes and T-lymphocytes. Binds to CXCR3. [UniProt]

Highlight Related products:

CXCL10 antibodies; CXCL10 ELISA Kits; CXCL10 recombinant proteins; Anti-Rabbit IgG secondary

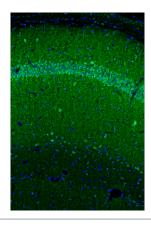
antibodies; Related news:

circNDUFB2, a circular RNA (circRNA), activates anti-tumor immunity

Calculated Mw 11 kDa

PTM CXCL10(1-73) is produced by proteolytic cleavage after secretion from keratinocytes.

Images



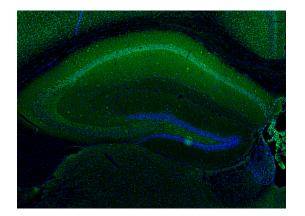
ARG56615 anti-CXCL10 / IP10 antibody IHC-Fr image

Immunohistochemistry: Frozen section of Colchicine injected Mouse brain (including the hippocampus region) tissue stained with ARG56615 anti-CXCL10 / IP10 antibody at 1.0 μ g/ml, overnight at 4°C. This was followed by a peroxidase conjugated secondary antibody and then a fluorescein Tyramide Signal Amplification (TSATM) reagent.



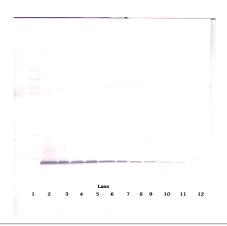
ARG56615 anti-CXCL10 / IP10 antibody WB image

Western blot: 250 - 0.24 ng of Mouse IP-10 stained with ARG56615 anti-CXCL10 / IP10 antibody, under reducing conditions.



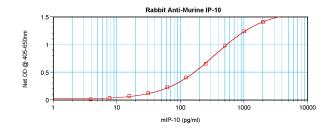
ARG56615 anti-CXCL10 / IP10 antibody IHC-Fr image

Immunohistochemistry: Frozen section of Colchicine injected Mouse brain (including the hippocampus region) tissue stained with ARG56615 anti-CXCL10 / IP10 antibody at 1.0 μ g/ml, overnight at 4°C. This was followed by a peroxidase conjugated secondary antibody and then a fluorescein Tyramide Signal Amplification (TSATM) reagent.



ARG56615 anti-CXCL10 / IP10 antibody WB image

Western blot: 250 - 0.24 ng of Mouse IP-10 stained with ARG56615 anti-CXCL10 / IP10 antibody, under non-reducing conditions.



ARG56615 anti-CXCL10 / IP10 antibody standard curve image

Sandwich ELISA: ARG56615 anti-CXCL10 / IP10 antibody as a capture antibody at 0.5 - 2.0 $\mu g/ml$ combined with ARG56729 anti-CXCL10 / IP10 antibody (Biotin) as a detection antibody. Results of a typical standard run with optical density.