

CXCL5/ENA-78

ABfinity™ Recombinant



Rabbit Monoclonal Antibody - Purified

Catalog no. 700656

(See product label for lot information)

Clone/PAD: 9H45L5
Isotype: IgG
Gene ID: 6374
Protein Acc. no.: P42830
Qty: 100 µg
Volume: 200 µL
Concentration: 0.5 mg/mL

Formulation

PBS + 0.09% sodium azide

Application

For use in Western Blotting

Reactivity

This antibody is specific for human CXCL5

Immunogen

Human CXCL5 protein corresponding to amino acids 37–114

Sequence Identity

Human

Storage

2–8°C for up to 1 month, –20°C for long term storage. Avoid repeated freezing and thawing.

Expiration Date

Expires one year from date of receipt when stored as instructed.

Background

CXCL5 (C-X-C motif chemokine 5), also known as Epithelial cell-derived neutrophil-activating peptide 78 (ENA-78) is a member of the CXC subfamily of chemokines (1). The cDNA encodes a 114 amino acid precursor protein which when cleaved generates a 36 amino acid signal peptide and a 78 amino acid mature protein which contains a 12 amino acids sequence found before the CXC motif (1,2). CXCL5 is produced by various human epithelial cells and it binds to the same receptors as IL8 and NAP2 (3).

References

1. Chang, M.S., J. McNinch, R. Basu, and S. Simonet (1994) Cloning and characterization of the human neutrophil-activating peptide (ENA-78) gene. *Journal of Biological Chemistry*. 269:25277-25282.
2. Power, C.A., R.B. Furness, C. Brawand, and T.N. Wells (1994) Cloning of a full-length cDNA encoding the neutrophil-activating peptide ENA-78 from human platelets. *Gene* 151:333-334.
3. Bozic, C.R., N.P. Gerard, and C. Gerard (1996) Receptor binding specificity and pulmonary gene expression of the neutrophil-activating peptide ENA-78. *American Journal of Respiratory Cell and Molecular Biology*. 14:302-308.

Applications:

	Species	Test Material	Concentration
Western Blotting	Human	A549	2–5 µg/mL

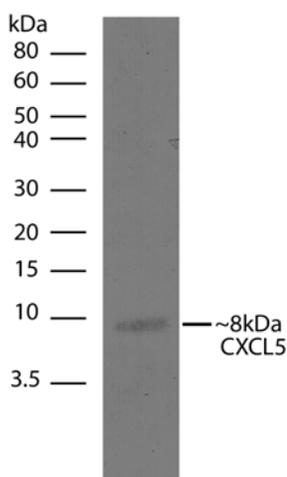
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Effective date: 10 Jan 2011



Western Blot of CXCL5 labeled with CXCL5 Rabbit Recombinant Monoclonal Antibody (Cat. No. 700655).

CXCL5 Rabbit Recombinant Monoclonal Antibody (2.5 µg/mL) was used to detect CXCL5 in A549 cell lysate (30 µg/lane). The western was performed using the WesternBreeze® kit with NBT/BCIP as the substrate (Cat. no. WB7105).

Explanation of symbols

Symbol	Description	Symbol	Description
	Catalogue Number		Batch code
	Research Use Only		<i>In vitro</i> diagnostic medical device
	Use by		Temperature limitation
	Manufacturer		European Community authorised representative
	Without, does not contain		With, contains
	Protect from light		Consult accompanying documents
	Directs the user to consult instructions for use (IFU), accompanying the product.		

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