Anti-Human CXCL14 (#12B24)

20150116ML

FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	**101-M352**
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant CXCL14 (also called BRAK).

Target Background

Synonyms (Target):	CXCL14; KEC; KS1; BMAC; BRAK; NJAC; MIP2G; MIP-2g; SCYB14

NAP-2 or CXCL7 is a CXC chemokine that can signal through the CXCR1 and CXCR2 receptors. It is produced in leukocytes by enzymatic processing of a precursor called platelet basic protein (PBP). NAP-2 chemoattracts and activates neutrophils. Recombinant human NAP-2 protein is a 7.6 kDa protein containing 70 amino acid residues including the four highly conserved cysteine residues present in CXC chemokines, and also including the " ELR" motif common to CXC chemokines that bind to CXCR1 and CXCR2.

Database References Target

Protein RefSeq:	NP_004878.2
Uniprot ID:	O95715
mRNA RefSeq:	NM_004887.4

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#12B24)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	human recombinant CXCL14
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human CXCL14.

AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: 1:500-1000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!