

IL-12/23 recombinant antibody

Anti-IL-12/23 [ABT-874 (Briakinumab)], Rabbit IgG, lambda

CATALOG # AAA72492	HOST Rabbit	REACTIVITY Human	APPLICATIONS Blocking
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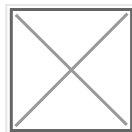
PRODUCT SYNONYMS

IL-12/23; Monoclonal Recombinant Antibody; Anti-IL-12/23 [ABT-874 (Briakinumab)]; Rabbit IgG; lambda; IL-12p40; Interleukin 12; Interleukin 23; IL12; IL23; IL-12; IL-23; IL-12/23 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG lambda
Clone Number	ABT-874 (Briakinumab)
Specificity	Binds to human IL12 and IL23 via IL-12/23p40.
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for IL-12/23 recombinant antibody	Blocking
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometry using anti-IL-12/23 antibody ABT-874 (Briakinumab) (AAA72492). Paraformaldehyde-fixed Jurkat cells permeabilized with 0.5% Triton were restained with the anti-unknown specificity antibody or the rabbit IgG version of ABT-874 (AAA72492, blue line) at a dilution of 1:100 for 1 hour at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG Alexa Fluor 488 antibody at a dilution of 1:1000, and the cells were analyzed using a FACScan flow cytometer.

IF (Immunofluorescence)

Immunofluorescence staining of Jurkat cells with anti-IL-12/23 antibody ABT-874 (Briakinumab). Fix coverslips stained with the chimeric rabbit IgG version of ABT-874 (Briakinumab) (AAA72492) (1:100 dilution) for 1 hour followed by Alexa Fluor 488 secondary antibody. Right, top-bottom, AAA72492, DAPI, merged channels and an isotype control. The isotype control

ADDITIONAL INFORMATION

Related Product Information for IL-12/23 recombinant antibody	This antibody was generated by phage display technology.
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References	Sandborn How future tumor necrosis factor antagonists and other compounds will meet the remaining challenges in Crohn's disease. Rev Gastroenterol Disord. 2004;4 Suppl 3:S25-33. N/A15583528 Note on publication: Discusses the potential of this antibody in the treatment of Crohn's disease.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24497438
NCBI GeneID	3593
NCBI Accession #	NP_002178.2
NCBI GenBank Nucleotide #	NM_002187.2
UniProt Accession #	P29460
Molecular Weight	328
NCBI Official Full Name	interleukin-12 subunit beta
NCBI Official Synonym Full Names	interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic lymphocyte maturation factor 2, p40)
NCBI Official Symbol	IL12B
NCBI Official Synonym Symbols	CLMF; NKSF; CLMF2; NKSF2; IL-12B
NCBI Protein Information	interleukin-12 subunit beta; CLMF p40; IL-12 subunit p40; IL12, subunit p40; interleukin 12, p40; interleukin-12 beta chain; NK cell stimulatory factor chain 2; cytotoxic lymphocyte maturation factor 40 kDa subunit; natural killer cell stimulatory factor,
UniProt Protein Name	Interleukin-12 subunit beta
UniProt Gene Name	IL12B
UniProt Synonym Gene Names	NKSF2; IL-12B; CLMF p40; NKSF2
UniProt Entry Name	IL12B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.