

anti-Human Mepolizumab Monoclonal Antibody | anti-IL5 antibody

Research Grade Mepolizumab

CATALOG #
AAA120007

REACTIVITY
Human

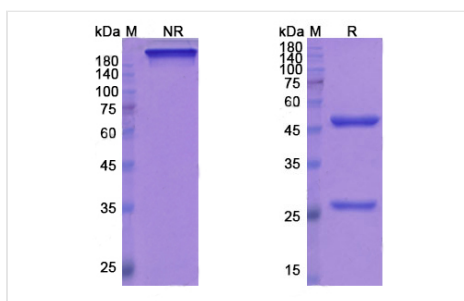
PRODUCT SYNONYMS

Mepolizumab; Monoclonal Antibody; Research Grade Mepolizumab; SB-240563; IL5; B-cell differentiation factor I; IL-5; T-cell replacing factor; TRF; Eosinophil differentiation factor; Interleukin-5; anti-IL5 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-kappa
Purity/Purification	>95%; Protein A or G purified from cell culture supernatant.
Form/Format	Liquid. PBS buffer, pH7.4
Concentration	1.44 mg/ml (varies by lot)
Expression System	Mammalian cells
Host Species	Humanized
CAS	196078-29-2
Preparation and Storage	Store at -20 degree C 12 months. Store at -80 degree C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE

SDS PAGE for Mepolizumab

ADDITIONAL INFORMATION

Product Categories/Family for anti-IL5 antibody

[Research Biosimilar](#)

References	Mepolizumab treatment in patients with severe eosinophilic asthma, PMID: 25199059 Efficacy and safety of treatment with biologicals (benralizumab, dupilumab, mepolizumab, omalizumab and reslizumab) for severe eosinophilic asthma. A systematic review for the EAACI Guidelines - recommendations on the use of biologicals in severe asthma, PMID: 32034960 Mepolizumab for severe eosinophilic asthma (DREAM): a multicentre, double-blind, placebo-controlled trial, PMID: 22901886 Mepolizumab effectiveness and identification of super-responders in severe asthma, PMID: 32139455 Oral glucocorticoid-sparing effect of mepolizumab in eosinophilic asthma, PMID: 25199060
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504671
NCBI GeneID	3567
NCBI Accession #	NP_000870.1
NCBI GenBank Nucleotide #	NM_000879.2
UniProt Accession #	P05113; Q13840
NCBI Official Full Name	interleukin-5
NCBI Official Synonym Full Names	interleukin 5
NCBI Official Symbol	IL5
NCBI Official Synonym Symbols	EDF; TRF; IL-5
NCBI Protein Information	interleukin-5; B-cell differentiation factor I; T-cell replacing factor; colony-stimulating factor, eosinophil; eosinophil differentiation factor
UniProt Protein Name	Interleukin-5
UniProt Gene Name	IL5
UniProt Synonym Gene Names	IL-5; TRF
UniProt Entry Name	IL5_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.