

anti-Human Benralizumab Monoclonal Antibody | anti-IL5RA antibody

Research Grade Benralizumab

CATALOG #
AAA120089

REACTIVITY
Human

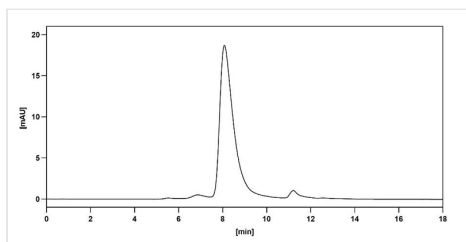
PRODUCT SYNONYMS

Benralizumab; Monoclonal Antibody; Research Grade Benralizumab; BIW-8405; KHK4563; MEDI-563; IL-5R subunit alpha; IL-5 receptor subunit alpha; IL5RA; IL-5RA; IL-5R-alpha; Interleukin-5 receptor subunit alpha; CDw125; CD125; IL5R; anti-IL5RA antibody

PRODUCT SPECIFICATIONS

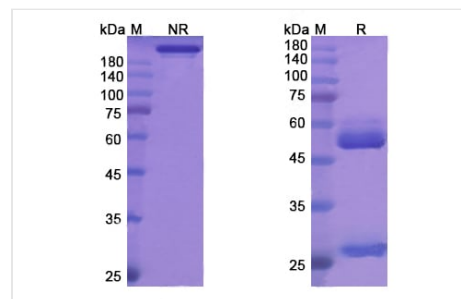
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-kappa
Purity/Purification	>95% by SDS-PAGE; Protein A or G purified from cell culture supernatant.
Form/Format	Liquid; 0.01M PBS, pH 7.4
Concentration	1.17 mg/ml (varies by lot)
Expression System	XtenCHO
Host Species	Humanized
CAS	1044511-01-4
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at +4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term.

IMAGES



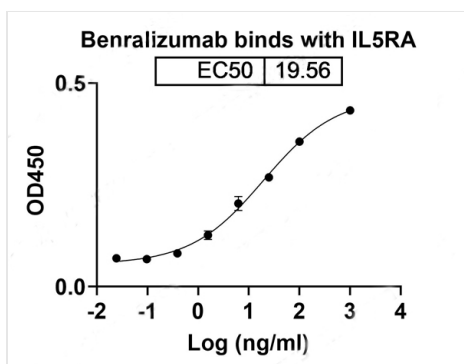
Application Data

The purity of this product is >95% as determined by SEC-MALS.



SDS-PAGE

SDS PAGE for Benralizumab



Bioactivity

Detects Human CD125/IL5RA in indirect ELISAs.

ADDITIONAL INFORMATION

Product Categories/Family for anti-IL5RA antibody	Research Biosimilar
References	Benralizumab for the Prevention of COPD Exacerbations, PMID: 31112385 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 Real-World Effectiveness of Benralizumab in Severe Eosinophilic Asthma, PMID: 32882249 Benralizumab for PDGFRA-Negative Hypereosinophilic Syndrome, PMID: 30943337 Benralizumab for asthma, PMID: 30410214

NCBI AND UNIPROT INFORMATION

NCBI GI #	191175130
NCBI GeneID	3568
UniProt Accession #	Q01344; Q14633; Q15469; Q6ISX9; B3IU77; B4E2G0
NCBI Official Full Name	interleukin 5 receptor alpha transcript variant 7
NCBI Official Synonym Full Names	interleukin 5 receptor, alpha
NCBI Official Symbol	IL5RA
NCBI Official Synonym Symbols	IL5R; CD125; CDw125; HSIL5R3
NCBI Protein Information	interleukin-5 receptor subunit alpha; CD125 antigen; IL-5R subunit alpha; IL-5 receptor subunit alpha; interleukin 5 receptor type 3; interleukin-5 receptor alpha chain
UniProt Protein Name	Interleukin-5 receptor subunit alpha
UniProt Gene Name	IL5RA
UniProt Synonym Gene Names	IL5R; IL-5 receptor subunit alpha; IL-5R subunit alpha; IL-5R-alpha; IL-5RA
UniProt Entry Name	IL5RA_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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/benralizumab-antibody-elisa/120089>