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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-IL-13 [DOM10-53-616] Bulk Size Ab03209-10.159-BT

This chimeric human antibody was made using the variable domain sequences of the original VHH format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Human IgG1-Fc fusion

Clone Number: DOM10-53-616

Alternative Name(s) of Target: IL13; NC30; Interleukin-13; DOM10-53-546; DOM10-53-386

UniProt Accession Number of Target Protein: P35225

Published Application(s): neutralize, ELISA

Published Species Reactivity: Human, Rhesus Monkey, Cynomolgus Monkey

Immunogen: The original antibody DOM10-53-546 was isolated from in-line fusion libraries selected against human IL-13. This antibody (DOM10-53-616) was generated by replacing the CDR2 of DOM10-53-546 with that of DOM10-53-386.

Specificity: This antibody binds human interleukin-13. It is also reported to cross react with cynomolgus monkey and rhesus monkey IL13. Interleukin-13 is a cytokine secreted by T helper type 2 (Th2) cells, CD4 cells, natural killer T cell, mast cells, basophils, eosinophils and nuocytes. It inhibits the production of inflammatory cytokines (IL-1, IL-6, TNF, IL-8) by LPS-stimulated monocytes. It synergizes with IL2 in regulating interferon-gamma synthesis. It is a mediator of allergic inflammation and different diseases including asthma.

Application Notes: The binding characterization of this antibody to human, cynomolgus monkey and rhesus monkey IL-13 was done using ELISA. The binding affinity of the original single chain VHH antibody was assessed using BIAcore analysis. It was reported that the original VHH antibody bound human and cynomolgus monkey IL13 with a binding affinity of 130 pM and 3.2 pM respectively. This antibody shows neutralizing potency for human, cynomolgus monkey and rhesus IL-13 (US20110236380).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 500 µg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without

added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.