

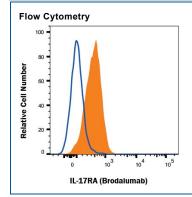
Human IL-17RA/IL-17R (Research Grade Brodalumab Biosimilar) Antibody

Recombinant Monoclonal Human IgG₁ Clone # Hu129 Catalog Number: MAB10547

DESCRIPTION		
Species Reactivity	Human	
Specificity	Detects human IL-17RA/IL-17R based on Brodalumab therapeutic antibody. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Brodalumab. This product is for research use only.	
Source	Recombinant Monoclonal Human IgG ₁ Clone # Hu129	
Purification	Protein A or G purified from cell culture supernatant	
Immunogen	Human II-17 Receptor	
Endotoxin Level	<0.10 EU per 1 µg of the antibody by the LAL method.	
Formulation	tion Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.	

Please Note: Optimal dilutions should be	e determined by each laboratory for each application. General Protoco	is are available in the Technical Information Section on our website.
	Recommended	Sample
	Concentration	
Flow Cytometry	0.25 μg/10 ⁶ cells	K562 human myelogenous leukemia cell line
CyTOF-ready	Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.	

DATA



Detection of IL-17RA/IL-17R in K562 human cell line by Flow Cytometry. K562 human myelogenous leukemia cell line was stained with Human Anti-Human IL-17RA/IL-17R (Research Grade Brodalumab Biosimilar) Monoclonal Antibody (Catalog # MAB10547, filled histogram) or Human IgG control antibody (open histogram) followed by anti-human IgG APC-conjugated Secondary Antibody (Catalog # F0135). Staining was performed using our Staining Membraneassociated Proteins protocol.

PREPARATION AND STORAGE

Reconstitution Reconstitute at 0.5 mg/mL in sterile PBS.

Shipping The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

Stability & Storage Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Brodalumab is a human monoclonal antibody designed for the treatment of inflammatory diseases. Brodalumab binds to the interleukin-17 receptor and so prevents interleukin 17 (IL-17) from activating the receptor.

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