

IL-2R alpha (CD25) Recombinant Antibody | IL-2R alpha recombinant antibody

Anti-IL-2R alpha (CD25) [Basiliximab]

CATALOG #	REACTIVITY	APPLICATIONS
AAA71941	Human	Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

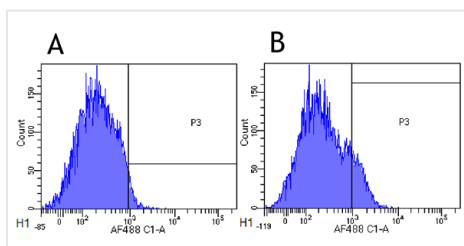
PRODUCT SYNONYMS

IL-2R alpha (CD25); Anti-IL-2R alpha (CD25) [Basiliximab]; Interleukin-2 receptor subunit alpha; IL-2 receptor subunit alpha; IL-2R subunit alpha; IL-2-RA; IL2-RA; TAC antigen; p55; CD25.; IL-2R alpha recombinant antibody

PRODUCT SPECIFICATIONS

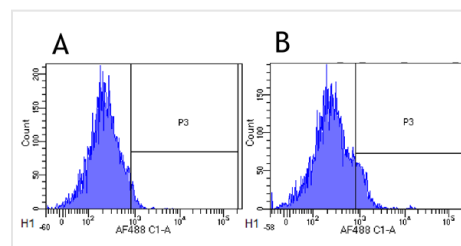
Reactivity	Human
Isotype	Rabbit IgG, kappa
Specificity	Recognizes the human IL-2R alpha (CD25).
Purity/Purification	Protein A Affinity Purified
Sequence Length	272
Applicable Applications for IL-2R alpha recombinant antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), Blocking, FCM/FACS (Flow Cytometry)
Buffer Composition	PBS only with 0.02% Proclin 300.
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



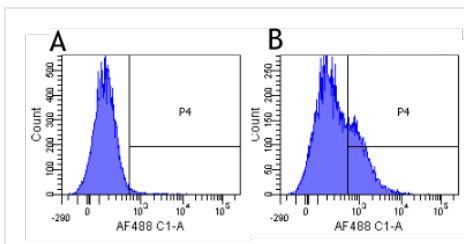
FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-CD25 antibody Basiliximab Cynomolgus monkey lymphocytes were stained with an isotype control or the rabbit-chimeric version of Basiliximab at a concentration of 1 ug/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.



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FCM/FACS (Flow Cytometry)

Flow-cytometry using the anti-CD25 (IL2R) research biosimilar antibody Basiliximab Human lymphocytes were stained with an isotype control or the rabbit-chimeric version of Basiliximab at a concentration of 1 ug/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.

ADDITIONAL INFORMATION

Related Product Information for IL-2R alpha recombinant antibody	Recombinant monoclonal antibody to IL-2R alpha (CD25). Manufactured using a Recombinant Platform with variable regions (i.e. specificity) from the therapeutic antibody Basiliximab. 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.
Product Categories/Family for IL-2R alpha recombinant antibody	Biosimilar
References	Kovarik et al. Disposition of basiliximab, an interleukin-2 receptor monoclonal antibody, in recipients of mismatched cadaver renal allografts. Transplantation. 1997 Dec 27; 64(12):1701-5. PMID:9422405

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557667
NCBI GeneID	3559
NCBI GenBank Nucleotide #	NM_000417.2
Molecular Weight	30,819 Da
NCBI Official Full Name	interleukin-2 receptor subunit alpha isoform 1
NCBI Official Synonym Full Names	interleukin 2 receptor subunit alpha
NCBI Official Symbol	IL2RA
NCBI Official Synonym Symbols	p55; CD25; IL2R; IMD41; TCGFR; IDDM10
NCBI Protein Information	interleukin-2 receptor subunit alpha
UniProt Protein Name	Interleukin-2 receptor subunit alpha
UniProt Gene Name	IL2RA
UniProt Synonym Gene Names	IL-2 receptor subunit alpha; IL-2-RA; IL-2R subunit alpha; IL2-RA
UniProt Entry Name	IL2RA_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/human-recombinant-antibody/il-2r-alpha-cd25/71941>