

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

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

CATALOG # AAA71940	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
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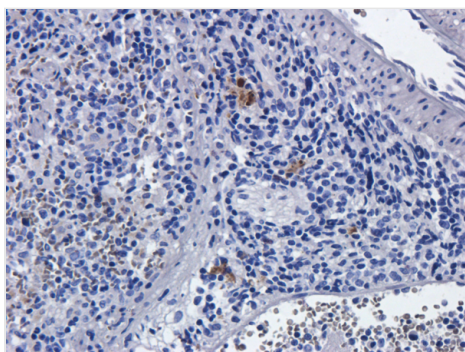
PRODUCT SYNONYMS

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

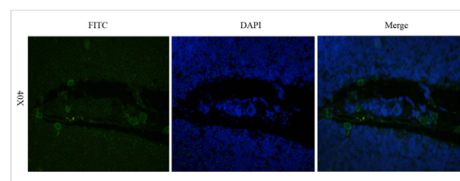
Reactivity	Human
Isotype	Human IgG1, kappa
Specificity	Recognizes the human IL-2R alpha (CD25).
Purity/Purification	Protein A Affinity Purified
Sequence Length	272
Applicable Applications for IL-2R alpha recombinant antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), Blocking, FCM/FACS (Flow Cytometry)
Buffer Composition	PBS only with 0.02% Proclin 300.
Chimeric Use Statement	NOT FOR THERAPEUTIC USE - This is a research-grade biosimilar. This is a chimeric antibody created 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



IHC (Immunohistochemistry)

Immunohistochemical staining of rat spleens using anti-CD25 antibody Formalin fixed rat spleen slices were stained with a at 5 ug/ml. The anti-human CD25 antibody also shows some cross-reactivity with rat in IHC.



IF (Immunofluorescence)

Immunofluorescent staining of rat thymus using anti-CD25 antibody Formaldehyde-fixed rat thymus slices were stained with at 5 ug/ml and detected with a FITC-conjugated secondary antibody. shows weak labelling of rat cells by IF.

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. NOT FOR THERAPEUTIC USE - This is a research-grade biosimilar. This is a chimeric antibody created for improved compatibility with existing reagents, assays and techniques.
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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 #	124317
NCBI GeneID	3559
UniProt Accession #	P01589; Q5W007
Molecular Weight	30,819 Da
NCBI Official Full Name	Interleukin-2 receptor subunit alpha
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.