

## Product Datasheet

### Anti-IL-2R alpha (CD25) [Basiliximab] (orb1152522)

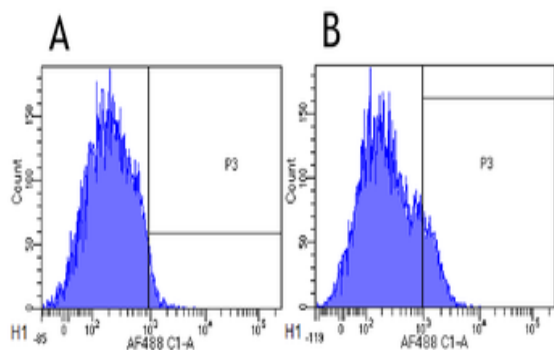
<b>Description</b>	Mouse monoclonal antibody to IL-2R alpha
<b>Species/Host</b>	Human
<b>Reactivity</b>	Human, Primate
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	Blocking, FC, IF, IHC, WB
<b>Immunogen</b>	Basiliximab was prepared by immunizing BALB/c mice with CTC 16 cells.
<b>Target</b>	IL-2R alpha (CD25)
<b>Preservatives</b>	PBS with 0.02% Proclin 300.
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Isotype</b>	Human IgG1
<b>Clonality</b>	Monoclonal
<b>Clone Number</b>	Basiliximab
<b>Purity</b>	Purified
<b>Uniprot ID</b>	<b>P01589</b>
<b>Expiration Date</b>	12 months from date of receipt.

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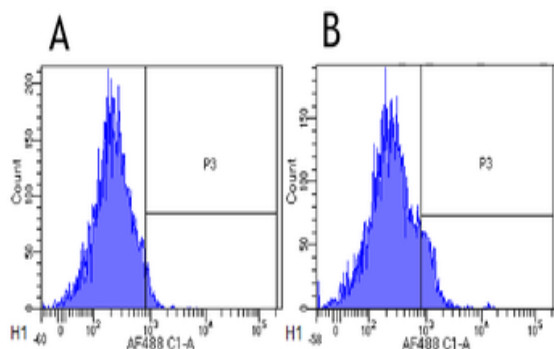
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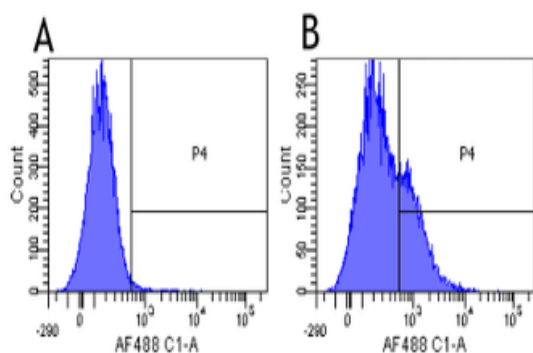
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Flow-cytometry using anti-CD25 antibody Basiliximab Cynomolgus monkey lymphocytes were stained with an isotype control (orb256390, panel A) or the rabbit-chimeric version of Basiliximab (orb348908, panel B) at a concentration of 1  $\mu$ g/ml for 30 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.



Flow-cytometry using anti-CD25 antibody Basiliximab Rhesus monkey lymphocytes were stained with an isotype control (orb256390, panel A) or the rabbit-chimeric version of Basiliximab (orb348908, panel B) at a concentration of 1  $\mu$ g/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.



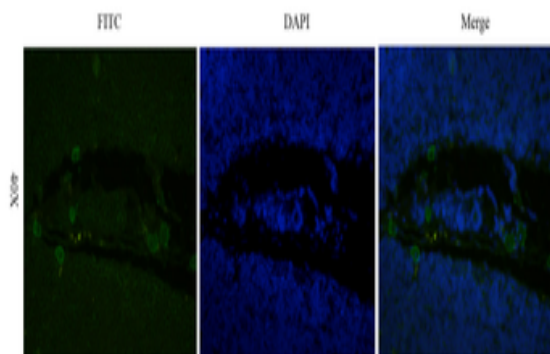
Flow-cytometry using the anti-CD25 (IL2R) research biosimilar antibody Basiliximab Human lymphocytes were stained with an isotype control (orb256390, panel A) or the rabbit-chimeric version of Basiliximab (orb348908, panel B) at a concentration of 1  $\mu$ g/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.

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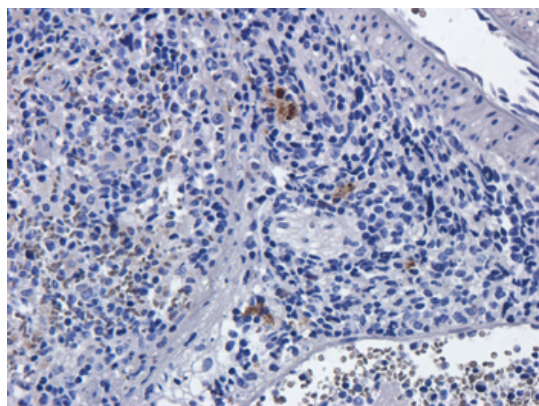
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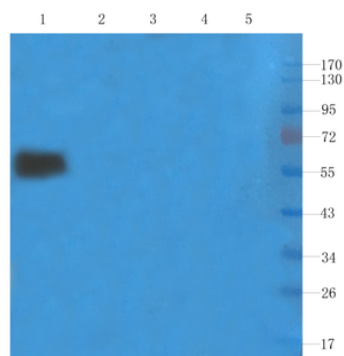
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Immunofluorescent staining of rat thymus using anti-CD25 antibody. Formaldehyde-fixed rat thymus slices were stained with orb348865 at 5 µg/ml and detected with a FITC-conjugated secondary antibody.



Immunohistochemical staining of rat spleens using anti-CD25 antibody. Formalin fixed rat spleen slices were stained with a orb348865 at 5 µg/ml. The anti-human CD25 antibody also shows some cross-reactivity with rat in IHC.



Western Blot using anti-IL2R alpha (CD25) antibody. Human thyroid cancer (lane 1), rat spleen (lane 2), mouse lymph node (lane 3), mouse thymus (lane 4) and rat small intestines (lane 5) samples were resolved on a 10% SDS PAGE gel and blots probed with orb348865 at 1 µg/ml before being detected by a secondary antibody.

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