



# Anti-IL2RA monoclonal antibody, clone IL-A111 [R-PE] (CABT-48006MB)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse anti Bovine CD25 antibody, clone IL-A111 recognizes the bovine CD25 cell surface antigen, a 55kDa glycoprotein also known as Interleukin-2 receptor alpha chain. Bovine CD25 is expressed by activated T cells. Clone IL-A111 is reported to block the IL-2 driven proliferation of Con A-induced blast cells/ bovine lymphocytes. Flow Cytometry Use 10ul of the suggested working dilution to label 1x10 <sup>6</sup> cells in 100ul
<b>Specificity</b>	IL2RA
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Bovine, Sheep
<b>Clone</b>	IL-A111
<b>Conjugate</b>	PE
<b>Applications</b>	FC
<b>Format</b>	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
<b>Size</b>	100 tests
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

# GENE INFORMATION

Gene Name	<a href="#">IL2RA interleukin 2 receptor, alpha [ Bos taurus (cattle) ]</a>
Official Symbol	IL2RA
Synonyms	IL2RA; CD25; interleukin-2 receptor subunit alpha; p55; IL2-RA; IL-2-RA; IL-2R alpha; TAC antigen; cytokine receptor; IL-2R subunit alpha; IL-2 receptor alpha subunit; IL-2 receptor subunit alpha; interleukin-2 receptor alpha chain;
Entrez Gene ID	<a href="#">281861</a>
Protein Refseq	<a href="#">NP_776783</a>
UniProt ID	P12342
Chromosome Location	13q13-q14
Pathway	Cytokine Signaling in Immune system; Cytokine-cytokine receptor interaction; Endocytosis; G beta:gamma signalling through PI3Kgamma; G-protein beta:gamma signalling; GPCR downstream signaling; GPVI-mediated activation cascade; HTLV-I infection;