

## Product Datasheet

### CD4 antibody (orb348853)

<b>Description</b>	Mouse monoclonal antibody to CD4
<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Human, Primate
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	FC, IF, IHC-P, IP, WB
<b>Target</b>	CD4
<b>Preservatives</b>	PBS with 0.02% Proclin 300.
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
<b>Note</b>	For research use only
<b>Application notes</b>	mt310 can inhibit gp120 binding to CD4, which blocks HIV infectivity of CD4+ T lymphocytes, as well as the binding of MHCII, which results in the block of T-cell activation, possibly leading to the induction of anergy. Antibody binding to CD4 additionally causes the induction of GM-CSF, TNF- $\alpha$ (only after 20 h) and IL-10.
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Purity</b>	Purified
<b>Uniprot ID</b>	<b>P01730</b>
<b>Expiration Date</b>	12 months from date of receipt.