

## Product Datasheet

### TLR2 antibody (Biotin) (orb1108999)

## Description

Mouse monoclonal antibody against TLR2

<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Conjugation</b>	Biotin
<b>Tested Applications</b>	FC, Functional Studies, IF, IHC-Fr, IP, PS, WB
<b>Form/Appearance</b>	0.5 ml (100 µg/ml) 0.2 um filtered protein G purified biotinylated antibody solution in PBS, containing 0.1% bovine serum albumin and 0.02% sodium azide.
<b>Storage</b>	Product should be stored at 4degC. Under recommended storage conditions, product is stable for at least one year. The exact expiry date is indicated on the label
<b>Note</b>	For research use only
<b>Application notes</b>	<p>FC: 2 ug antibody per 300000 cells; untreated as well as 0.4 % formaldehyde fixed cells can be used; do not permeabilize the cells or use 4 % paraformaldehyde as fixative! (Ref 5)</p> <p>IF: HMECs were fixed with 4% paraformaldehyde in PBS, permeabilized and blocked before staining; antibody concentration used 5-10µg/ml</p> <p>W: peripheral blood mononuclear cells; non-reduced; 1 µg/ml antibody; size ~90 kDa</p> <p>F: fixed in acetone; 3 % H2O2 for blockade of endogenous peroxidases; human tonsils as positive control (useful, but clone TL2.3 (HM2066) is preferred; Ref 2)</p> <p>P: HOPE-fixed; alveolar epithelial cells type II in human lung as positive control; 1 µg/ml antibody for 16 hr at 4 degC (Ref 4)</p> <p>IP: lysed monocytes were immunoprecipitated with antibody-conjugated Sepharose; size ~90 kDa (Ref 2)</p> <p>FS: 1 ug/5x10<sup>7</sup> cells; antibody blocks TNFa release (induced by bacteria) from peripheral blood mononuclear cells (Ref 1)</p>
<b>Isotype</b>	Mouse IgG2a
<b>Clonality</b>	Monoclonal
<b>Expiration Date</b>	12 months from date of receipt.