

## Product Datasheet

### Basigin antibody (orb613870)

<b>Description</b>	Mouse monoclonal antibody to Basigin
<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	Blocking, ELISA
<b>Immunogen</b>	Recombinant ectodomains of human basigin.
<b>Target</b>	Basigin
<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>	The antibody binds specifically to basigin, a protein of the immunoglobulin superfamily which is expressed on the surface of erythrocyte and acts as a receptor for the human malaria parasite <i>P. falciparum</i> . The recombinant chimeric monoclonal antibody Ab-1 acts by blocking the interaction between basigin and PfRH5, a ligand necessary for the <i>P. falciparum</i> erythrocyte invasion, thereby inhibiting the development of malaria.
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Purity</b>	Purified
<b>Uniprot ID</b>	<a href="#">P35613</a>
<b>Expiration Date</b>	12 months from date of receipt.