



# Anti-CD48 monoclonal antibody, clone OX-45 (CABT-49730MR)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse anti Rat CD48 antibody, clone OX-45 recognizes rat CD48, a 45kDa glycoprotein expressed on all haemopoietic and endothelial cells. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
<b>Specificity</b>	CD48
<b>Immunogen</b>	Rat T-blasts prepared by stimulating purified T-helper cells with allogeneic irradiated rat spleen cells.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Rat
<b>Clone</b>	OX-45
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IEM; FC; IF
<b>Format</b>	Tissue Culture Supernatant - liquid
<b>Size</b>	2 ml
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

# GENE INFORMATION

Gene Name	<a href="#">Cd48 Cd48 molecule [ Rattus norvegicus (Norway rat) ]</a>
Official Symbol	CD48
Synonyms	CD48; Cd48 molecule; SLAMF2; CD48 antigen; BLAST-1; BCM1 surface antigen; SLAM family member 2; MRC OX-45 surface antigen; signaling lymphocytic activation molecule 2;
Entrez Gene ID	<a href="#">245962</a>
Protein Refseq	<a href="#">NP_620803</a>
UniProt ID	P10252
Chromosome Location	13q24
Pathway	Cell surface interactions at the vascular wall; Hemostasis; Natural killer cell mediated cytotoxicity;
Function	antigen binding; receptor activity;