

## Product Datasheet

### CD68 Rabbit Polyclonal Antibody (orb10344)

<b>Catalog Number</b>	orb10344
<b>Category</b>	Antibodies
<b>Description</b>	CD68 Rabbit Polyclonal Antibody
<b>Target</b>	CD68
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Bovine
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human CD68 (1-130/354aa)
<b>UniProt ID</b>	<b>P34810</b>
<b>RRID</b>	AB_10749240
<b>MW</b>	110-140K kDa
<b>Tested applications</b>	WB

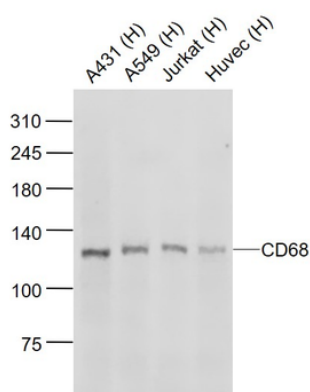
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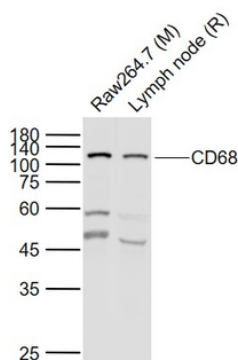
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<b>Dilution range</b>	WB=1:500-2000
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only



Sample: Lane 1: A431 (Human) Cell Lysate at 30 ug, Lane 2: A549 (Human) Cell Lysate at 30 ug, Lane 3: Jurkat (Human) Cell Lysate at 30 ug, Lane 4: Huvec (Human) Cell Lysate at 30 ug, Primary: Anti-CD68 (orb10344) at 1/500 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 110/185-200 kD, Observed band size: 110 kD.



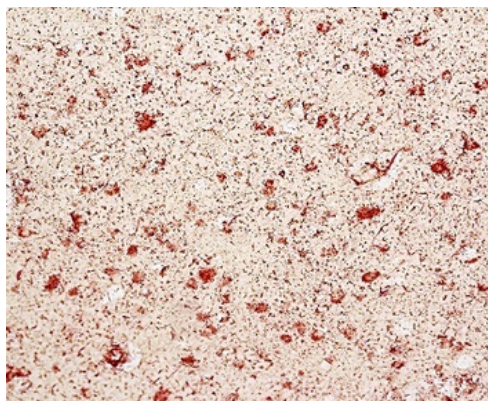
Sample: Lane 1: Raw264.7 (Mouse) Cell Lysate at 30 ug, Lane 2: Lymph node (Rat) Cell Lysate at 30 ug. Primary: Anti-CD68 (orb10344) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution. Predicted band size: 110/185-200 kD, Observed band size: 110 kD.

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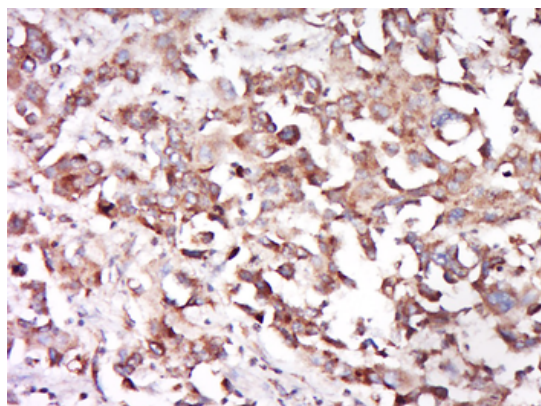
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Paraffin embedded human brain tissue labeled with Rabbit Anti-CD68 Polyclonal Antibody, Unconjugated (orb10344) at 1:50 followed by conjugation to the secondary antibody and Permanent Fast Red Quanto staining.



Tissue/Cell: human mammary cancer, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-CD68 Polyclonal Antibody, Unconjugated (orb10344) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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