

## Product Datasheet

### CD3d Rabbit Polyclonal Antibody (orb213684)

<b>Catalog Number</b>	orb213684
<b>Category</b>	Antibodies
<b>Description</b>	The CD3d Antibody is suitable for IF, WB. It is a Polyclonal, Unconjugated antibody which raised against KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD3d. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography.
<b>Target</b>	CD3D
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Monkey, Mouse
<b>Form/Appearance</b>	Liquid
<b>Buffer/Preservatives</b>	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.
<b>Immunogen</b>	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD3d. The exact sequence is proprietary.
<b>UniProt ID</b>	<b>P04234</b>
<b>Tested applications</b>	IF, WB
<b>Dilution range</b>	WB: 1-500-1-1000, IF/ICC: 1-100-1-500

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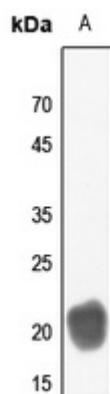
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<b>Specificity</b>	Recognizes endogenous levels of CD3d protein.
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Entrez</b>	<b>915</b>
<b>Expiration Date</b>	12 months from date of receipt.



Western blot analysis of CD3d expression in mouse spleen (A) whole cell lysates. (Predicted band size: 18 kD; Observed band size: 20 kD)



Immunofluorescent analysis of CD3d staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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