

## Product Datasheet

### CD63 Rabbit Polyclonal Antibody (orb584785)

<b>Catalog Number</b>	orb584785
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit polyclonal antibody to CD63
<b>Target</b>	CD63
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse
<b>Predicted Reactivity</b>	Human
<b>Form/Appearance</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Concentration</b>	0.5 mg/ml
<b>Buffer/Preservatives</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Purification</b>	Affinity Purified
<b>Protein Sequence</b>	Synthetic peptide located within the following region: TDWEKIPSMKRNRPDSCCINVTGCGINFNEKAIHKEGCVEKIGGWLRK
<b>UniProt ID</b>	<b>P08962</b>
<b>MW</b>	26kDa

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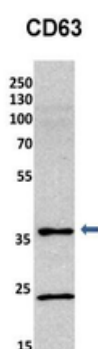
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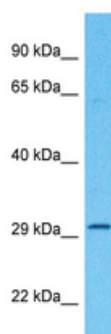
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<b>Tested applications</b>	WB
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>NCBI</b>	<b>NP_001771</b>
<b>Expiration Date</b>	12 months from date of receipt.



Sample Type: mouse fibroblast lysate (20 ug), Primary dilution: 1:800 (2% milk), Secondary dilution: 1:2000 (5% milk).



Host: Rabbit  
Target Name: CD63  
Sample Type: HCT116 Cell Lysate  
Antibody Dilution: 1.0µg/ml

Sample Tissue: Human HCT116 Whole Cell, Antibody dilution: 1 ug/ml.

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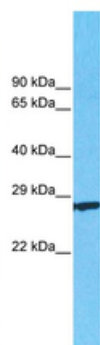
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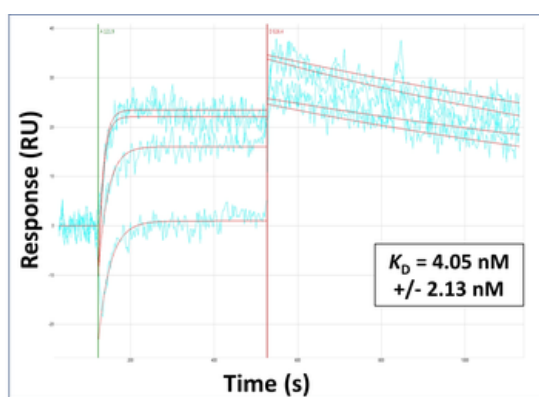
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Sample Type: MCF7 Cell lysates, Antibody dilution: 1.0 ug/ml.



Surface Plasmon Resonance Kinetic Characterization of Polyclonal Antibody Affinity. Purified polyclonal antibodies were immobilized on a Protein A/G coated Carterra LSA sensor chip (PAGH200M) at concentrations of 5, and 50 ug/ml in duplicate. Antibodies on the surface were exposed to interaction with peptides sequentially via microfluidic controlled flow at 333nM peptide concentration for kinetic characterization of the binders for affinity and specificity, followed by curve fitting using the Kinetics software. K<sub>d</sub> determinations for both concentrations were averaged and results and standard deviation are shown.

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