

Product Datasheet

Anti-CD27 [RM27-3E5] (orb613955)

Catalog Number	orb613955
Category	Antibodies
Description	Rat monoclonal antibody to CD27
Target	CD27
Clonality	Monoclonal
Species/Host	Rat
Isotype	IgG2a
Conjugation	Unconjugated
Reactivity	Mouse
Concentration	1 mg/ml
Buffer/Preservatives	PBS with 0.02% Proclin 300.
Purity	Purified
Immunogen	This antibody was raised by immunising mouse with mouse CD27-human IgG1 Fc fusion protein. Isolated popliteal lymph node cells were then fused with P3U1 myeloma cells to produce stable hybridomas.
UniProt ID	P41272
Tested applications	FC, IP
Specificity	This antibody is specific for the extracellular domain of murine CD27, a TNF-receptor superfamily member.

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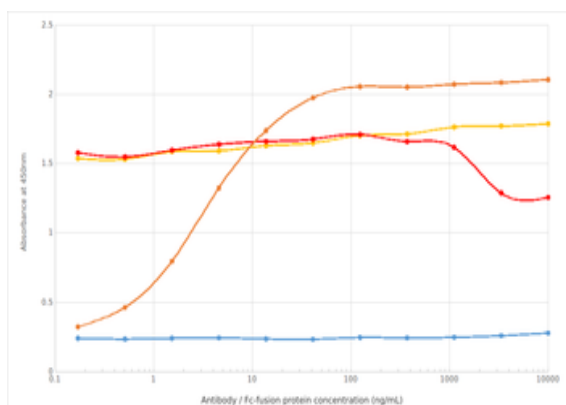
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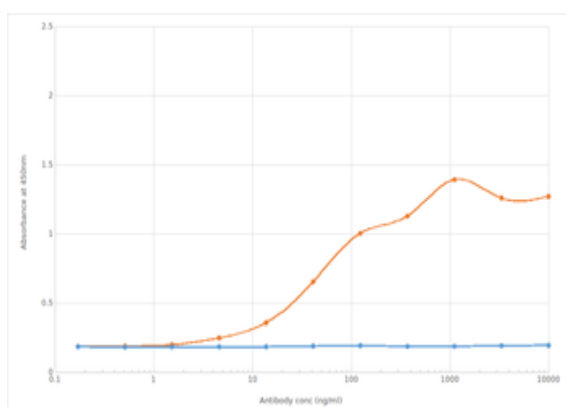
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Clone Number	RM27-3E5
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



ELISA of anti-CD27 antibody on CD27-Fc fusion protein, with a CD70 (CD27-L) competition assay. Binding curves of the rabbit IgG chimeric version of the anti-CD27 (Interleukin-2 receptor subunit alpha) antibody RM27-3E5 (orb613954; red line) and isotype control (anti-Fluorescein antibody orb256390 4-4-20 (enhanced); blue line) to an ELISA plate coated with CD27-Fc fusion protein at a concentration of 5 µg/ml. A 3-fold serial dilution from 10 mg/mL to 0.17 ng/ml of orb613954 was used.



ELISA of anti-CD27 antibody on CD27-Fc fusion protein. Binding curves of the human chimeric version of the anti-CD27 (Interleukin-2 receptor subunit alpha) antibody RM27-3E5 (red line) and isotype control (anti-Fluorescein antibody orb256390 4-4-20 (enhanced); blue line) to an ELISA plate coated with CD27-Fc fusion protein at a concentration of 5 µg/ml.

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