Product Datasheet

ICAM1 Rabbit Polyclonal Antibody (orb10334)

Catalog Number	orb10334
Category	Antibodies
Description	ICAM1 Rabbit Polyclonal Antibody
Target	ICAM1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human CD54 (201-300/537aa)
UniProt ID	P05362
RRID	AB_10751662
MW	58/100 kDa

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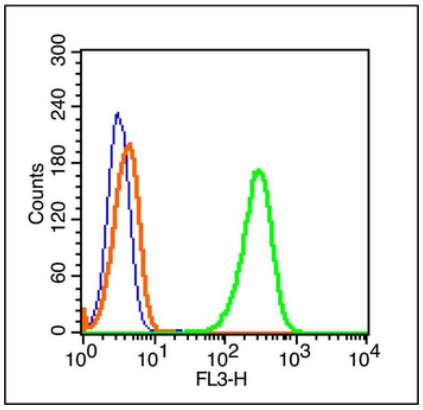
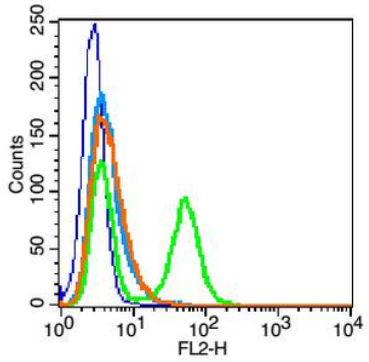
Tested applications	IF, IHC-Fr, IHC-P, WB
Dilution range	IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, WB=1:500-2000
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control (blue line): A431 cells (blue). Primary Antibody (green line): Rabbit Anti-ICAM1/PE-CY7 Conjugated antibody, Dilution: 1 µg/10^6 cells, Isotype Control Antibody (orange line): Rabbit IgG-PE-CY7. Protocol, The cells were fixed with 70% ice-cold methanol overnight at 4℃. The cells were then incubated in 1 X PBS/2% BSA/10% goat serum to block non-specific protein-protein interactions followed by the antibody for 15 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. Acquisition of 20000 events was performed.



Blank control: HUVEC cells (blue). Primary Antibody: Rabbit Anti-CD54 antibody (orb10334), Dilution: 1 µg in 100 µL 1X PBS containing 0.5% BSA, Isotype Control Antibody: Rabbit IgG (orange), used under the same conditions), Secondary Antibody: Goat anti-rabbit IgG-PE (white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA. Protocol, The cells were fixed with 2% paraformaldehyde (10 min). Primary antibody (orb10334, 1 µg/1x10^6 cells) were incubated for 30 min on the ice, followed by 1 X PBS containing 0.5% BSA + 1 0% goat serum (15 min) to block non-specific protein-protein interactions. Then the Goat Anti-rabbit IgG/PE antibody was added into the blocking buffer mentioned above to react with the primary antibody at 1/200 dilution for 30 min on ice. Acquisition of 20000 events was performed.

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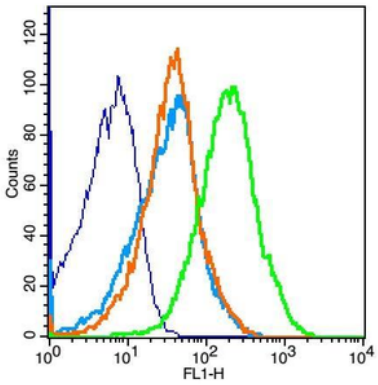
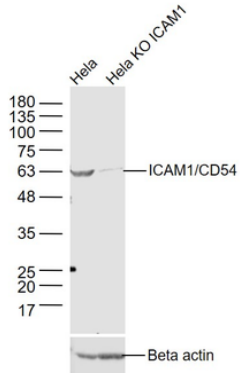


Blank control: mouse thymouses (blue), Isotype Control Antibody: Rabbit IgG (orange), Secondary Antibody: Goat anti-rabbit IgG-FITC (white blue), Dilution: 1:100 in 1 X PBS containing 0.5% BSA, Primary Antibody Dilution: 1 µg in 100 µL 1X PBS containing 0.5% BSA (green).



Sample: Hela (Human) Cell Lysate at 30 ug, Hela KO ICAM1 (Human) Cell Lysate at 30 ug, Primary: Anti-ICAM1/CD54 (orb10334) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 56 kD, Observed band size: 56 kD.

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