

Product Datasheet

HMGB1 Rabbit Polyclonal Antibody (orb10828)

Catalog Number	orb10828
Category	Antibodies
Description	HMGB1 Rabbit Polyclonal Antibody
Target	HMGB1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Rat
Predicted Reactivity	Bovine, Mouse
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 HMGB1 (75-170/215aa)
UniProt ID	P09429
RRID	AB_10749907
MW	25 kDa

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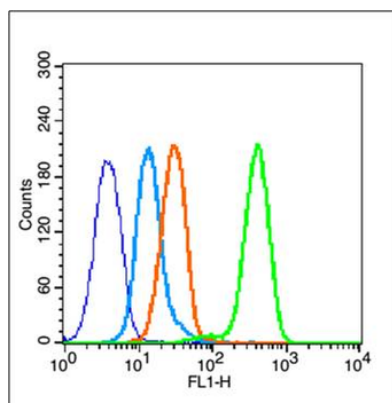
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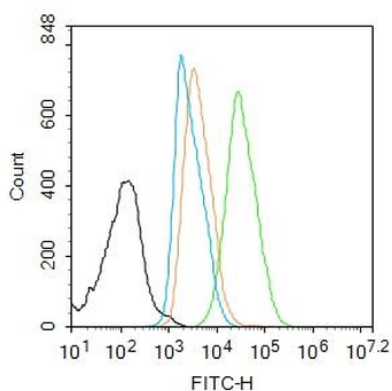
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Tested applications	FC
Dilution range	Flow-Cyt=1µg/Test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control (blue line): MCF7 (blue). Primary Antibody (green line): Rabbit Anti-HMGB1 antibody (orb10828), Dilution: 1 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC, Dilution: 1 µg/Test. Protocol, The cells were fixed with 70% ethanol (Overnight at 4°C) and then permeabilized with 90% ice-cold methanol for 30 min on ice. Cells stained with Primary Antibody for 30 min at room temperature. 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. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Blank control: HL-60. Primary Antibody (green line): Rabbit Anti-HMGB1 antibody (orb10828), Dilution: 1 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-AF488, Dilution: 1 µg/Test. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.

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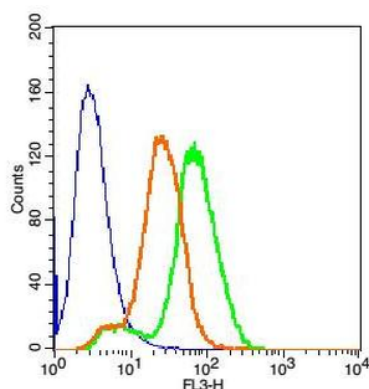
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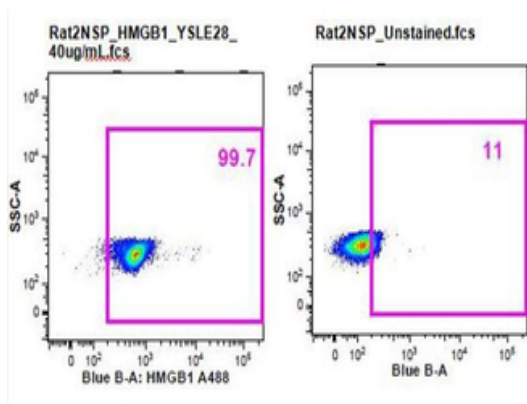
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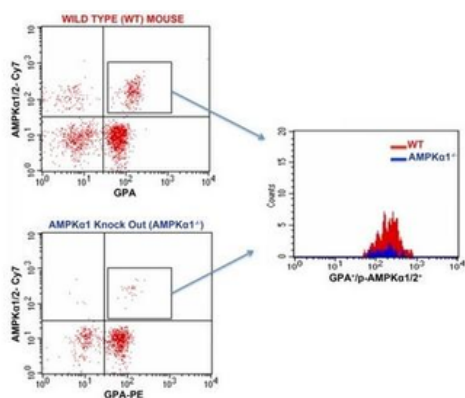
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Positive control: HepG2 cells, Concentration: 5 $\mu\text{g}/10^6$ cells, Incubation conditions: Avoid light, 30 minutes on the ice.



Rat splenocytes stained with Anti-HMGB1 Polyclonal Antibody, A488 Conjugated at 1:50.



The figure annotation: The blue histogram is unstained cells. The Orange histogram is cells stained with Rabbit IgG/FITC (orb525556), The green histogram is cells stained with Rabbit Anti-HMGB1/FITC Conjugated antibody. Controls, Positive control: HepG 2 cells, Isotype control: Cell lines treated with Rabbit IgG/FITC (orb525556). instead of the primary antibody to confirm that primary antibody binding is specific. 5 μg in 100 μl 1 X PBS containing 0.5% BSA.

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