

Product Datasheet

XBP1 Rabbit Polyclonal Antibody (orb11580)

Catalog Number	orb11580
Category	Antibodies
Description	XBP1 Rabbit Polyclonal Antibody
Target	XBP1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Predicted Reactivity	Bovine, Gallus, 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 XBP-1 (51-150/261aa)
UniProt ID	P17861
RRID	AB_10750812
MW	29/42 kDa

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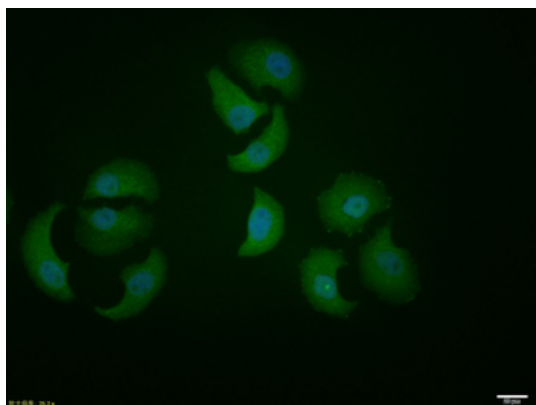
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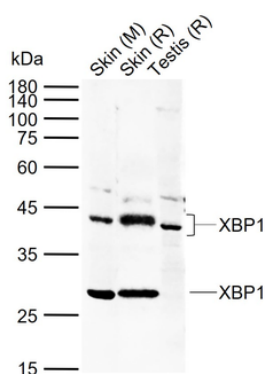
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Tested applications	FC, ICC, WB
Dilution range	WB=1:500-2000, ICC/IF=1:100-500, Flow-Cyt=1ug/test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent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



HepG2 cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (XBP1) polyclonal Antibody, Unconjugated (orb11580) 1:100, 90 minutes at 37°C, followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.



Sample: Lane 1: Mouse Skin tissue lysates, Lane 2: Rat Skin tissue lysates, Lane 3: Rat Testis tissue lysates, Primary: Anti-XBP1 (orb11580) at 1/500 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 29/40 kDa, Observed band size: 29/42 kDa.

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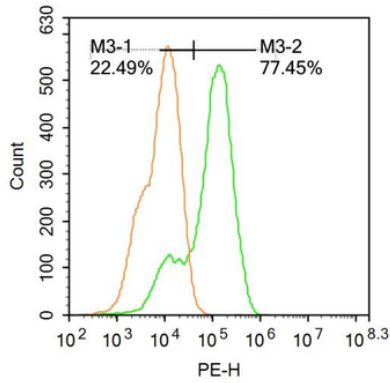
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U-937 cells were fixed with 4% PFA for 10 min at room temperature, permeabilized with 90% ice-cold methanol for 20 min at room temperature, and incubated in 5% BSA blocking buffer for 30 min at room temperature. Cells were then stained with XBP1 Antibody (orb11580) at 1:500 dilution in blocking buffer and incubated for 30 min at room temperature, washed twice with 2% BSA in PBS, followed by secondary antibody incubation for 40 min at room temperature. Acquisitions of 20000 events were performed. Cells stained with primary antibody (green), and isotype control (orange).

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