

# Product Datasheet

## Aldo-keto Reductase 1C3/AKR1C3 Antibody (4D12) NBP3-15212

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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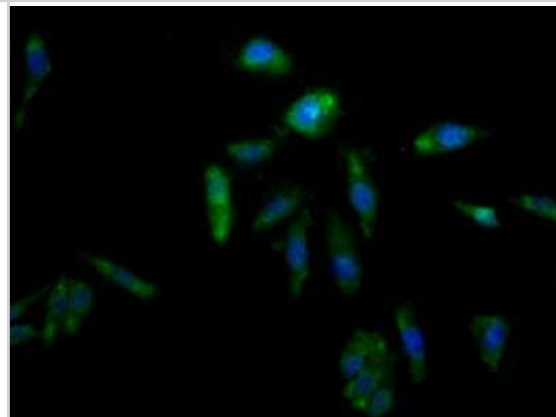


**NBP3-15212****Aldo-keto Reductase 1C3/AKR1C3 Antibody (4D12)**

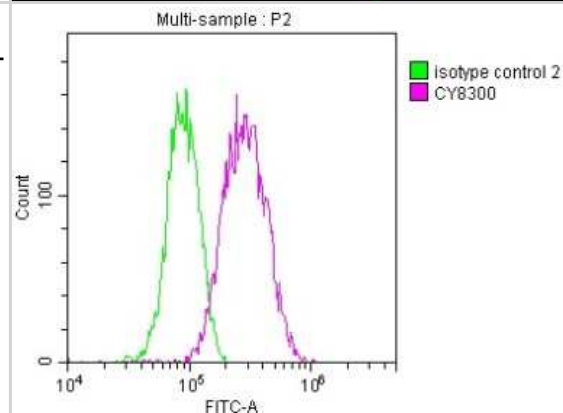
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20 to -70C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4D12
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	8644
<b>Gene Symbol</b>	AKR1C3
<b>Species</b>	Human
<b>Immunogen</b>	A synthesized peptide derived from human Aldo-keto Reductase 1C3/AKR1C3. UniProt ID (P42330).
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Flow Cytometry, ELISA, Immunocytochemistry/ Immunofluorescence

## Images

Immunocytochemistry/Immunofluorescence: Aldo-keto Reductase 1C3/AKR1C3 Antibody (4D12) [NBP3-15212] - Immunofluorescence staining of Hela Cells with at Aldo-keto Reductase 1C3/AKR1C3 antibody 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% TritonX-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated Goat Anti-Rabbit IgG (H+L).



Flow Cytometry: Aldo-keto Reductase 1C3/AKR1C3 Antibody (4D12) [NBP3-15212] - Overlay histogram showing A549 cells stained with Aldo-keto Reductase 1C3/AKR1C3 antibody (red line) at 1:50. The cells were fixed with 70% Ethylalcohol (18h) and then incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1\*10<sup>6</sup>cells) for 1 h at 4C. The secondary antibody used was FITC-conjugated goat anti-rabbit IgG (H+L) at 1/200 dilution for 30min at 4C. Control antibody (green line) was Rabbit IgG (1ug/1\*10<sup>6</sup>cells) used under the same conditions. Acquisition of >10,000 events was performed.





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### **Products Related to NBP3-15212**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
DPG00	PLGF [HRP]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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