

# Product Datasheet

## beta Casein Antibody (29D6) - BSA Free NBP3-26642-100ul

Unit Size: 100 ul

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

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**NBP3-26642-100ul**

beta Casein Antibody (29D6) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	29D6
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol

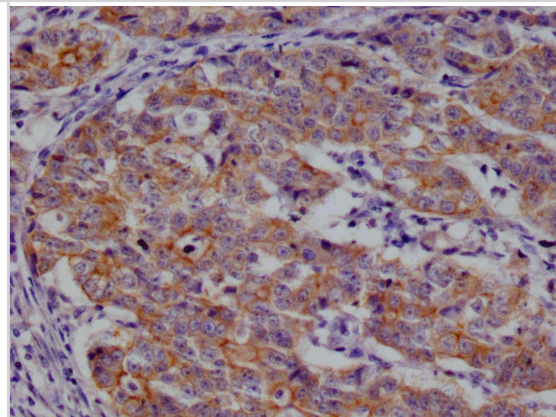
Product Description	
Description	Novus Biologicals Rabbit beta Casein Antibody (29D6) - BSA Free (NBP3-26642) is a recombinant monoclonal antibody validated for use in IHC, ELISA and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1447
Gene Symbol	CSN2
Species	Human
Immunogen	A synthesized peptide derived from Human beta Casein [UniProt P05814]

Product Application Details	
Applications	ELISA, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Flow Cytometry 1:50-1:200, ELISA, Immunohistochemistry 1:50-1:200

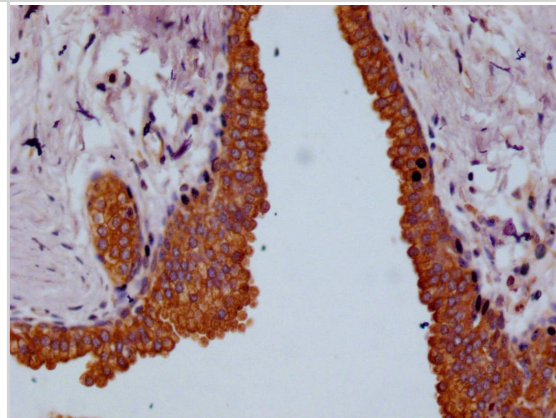


## Images

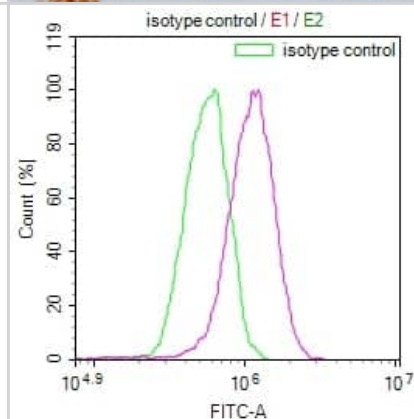
Immunohistochemistry: beta Casein Antibody (29D6) [NBP3-26642] - Image of beta Casein Antibody (29D6) diluted at 1:100 and staining in paraffin-embedded human colon cancer performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



Immunohistochemistry: beta Casein Antibody (29D6) [NBP3-26642] - Image of beta Casein Antibody (29D6) diluted at 1:100 and staining in paraffin-embedded human colon cancer performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



Flow Cytometry: beta Casein Antibody (29D6) [NBP3-26642] - Overlay Peak curve showing HepG2 cells stained with beta Casein Antibody (29D6) (red line) at 1:100. The cells were 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 45min at 4C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG (H+L) at 1:200 dilution for 35min 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 NBP3-26642-100ul**

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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
NBP1-99089-50ug	Recombinant Human beta Casein His Protein

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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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