

# Product Datasheet

## CD36 Antibody (1283D) - Azide and BSA Free NBP2-80644

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 2/24/2026 v.20.1

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**NBP2-80644**

CD36 Antibody (1283D) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1283D
Preservative	No Preservative
Isotype	IgG
Purity	Protein A or G purified
Buffer	PBS

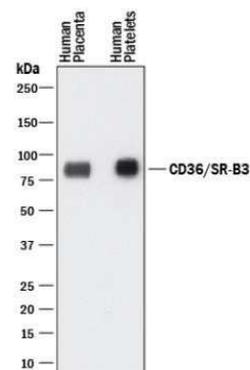
Product Description	
Description	Novus Biologicals Rabbit CD36 Antibody (1283D) - Azide and BSA Free (NBP2-54790) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	948
Gene Symbol	CD36
Species	Human
Immunogen	This CD36 Antibody (1283D) was developed against a synthetic peptide made to an internal portion of the human CD36 protein (between amino acids 100-150) [Uniprot P16671]

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 5-10 ug/ml, Immunocytochemistry/ Immunofluorescence 10-20 ug/ml, Immunohistochemistry-Paraffin

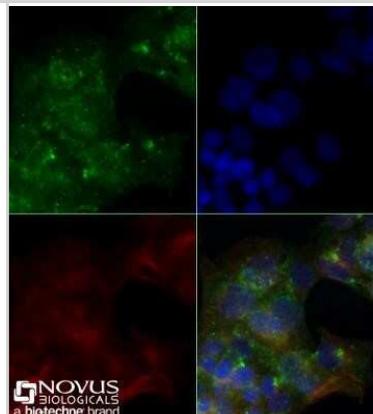


## Images

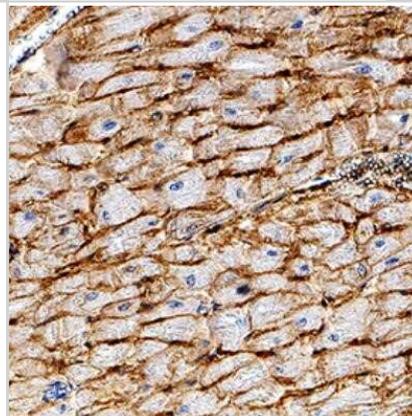
**Western Blot: CD36 Antibody (1283D) [NBP2-80644]** - Western blot shows lysates of human placenta tissue and human platelets. PVDF membrane was probed with 1 ug/ml of Rabbit Anti-Human CD36 Monoclonal antibody (catalog number NBP2-54790) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (catalog number HAF008). A specific band was detected for CD36 at approximately 85 kDa (as indicated). This experiment was conducted under reducing conditions. Image from the standard format of this antibody.



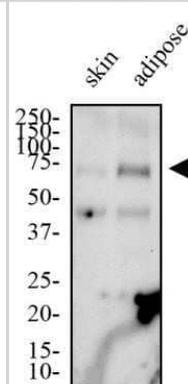
**Immunocytochemistry/Immunofluorescence: CD36 Antibody (1283D) [NBP2-80644]** - HepG2 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X TBS + 0.5% Triton-X100. The cells were incubated with anti-CD36 (1283D) at 5.0 ug/ml overnight at 4C and detected with an anti-rabbit Dylight 488 (Green) at a 1:500 dilution. Alpha tubulin (DM1A) NB100-690 was used as a co-stain at a 1:1000 dilution and detected with an anti-mouse Dylight 550 (Red) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image from the standard format of this antibody.



**Immunohistochemistry-Paraffin: CD36 Antibody (1283D) [NBP2-80644]** - CD36 was detected in immersion fixed paraffin-embedded sections of human heart using Rabbit Anti-Human CD36/SR-B3 Monoclonal Antibody for 1 hour at room temperature followed by incubation with the Anti-Rabbit IgG VisUCyte(TM) HRP Polymer Antibody.



**Western Blot: CD36 Antibody (1283D) [NBP2-80644]** - Total protein from human skin and adipose tissue was separated on a 12% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 1.0 ug/ml anti-CD36 in 1% non-fat milk in TBST and detected with an anti-rabbit HRP secondary antibody using chemiluminescence. Image from the standard format of this antibody.





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### **Products Related to NBP2-80644**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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