

# Product Datasheet

## CD36 Antibody (JC63.1) [FITC]

### NBP2-25099

Unit Size: 0.1 mg

Store at -20C in the dark. Avoid freeze-thaw cycles.

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**NBP2-25099**

CD36 Antibody (JC63.1) [FITC]

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at -20C in the dark. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JC63.1
Preservative	0.02% Sodium Azide
Conjugate	FITC
Purity	Protein A or G purified
Buffer	PBS (pH 7.2), 0.5 mg/ml Bsa, and 50% Glycerol

Product Description	
Host	Mouse
Gene ID	948
Gene Symbol	CD36
Species	Human, Mouse, Rat
Marker	Endothelial Cell Marker
Immunogen	recombinant adenovirus expressing full-length mouse CD36

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/Immunofluorescence

**Publications**

van Oort MM, van Doorn JM, Bonen A et al. Insulin-induced translocation of CD36 to the plasma membrane is reversible and shows similarity to that of GLUT4. *Biochim Biophys Acta*. 2008-01-01 [PMID: 18167317] (IF)

## Details:

IF (Figs 1E, 1H, 3D-F, 5A): CHO cells stably expressing rat CD36. Note: The specificity of the JC63.1 antibody was confirmed by IF in rat CD36 transfected CHO cells (Figs 1E, 1H).

van Oort MM, van Doorn JM, Hasnaoui ME et al. Effects of AMPK activators on the sub-cellular distribution of fatty acid transporters CD36 and FABPpm. *Arch Physiol Biochem*. 2009-07-01 [PMID: 19480562]

## Details:

IF (Figs 1D, 1H, 3E-H): CHO cells stably expressing rat CD36. Note: The specificity of the JC63.1 antibody was confirmed by IF in rat CD36 transfected CHO cells (Figs 1D, 1H).

Finnemann SC, Silverstein RL. Differential roles of CD36 and alphavbeta5 integrin in photoreceptor phagocytosis by the retinal pigment epithelium. *J Exp Med*. 2001-11-05 [PMID: 11696594] (IF, IP, FLOW, Mouse)

## Details:

Generation and characterization of the JC63.1 mAb (see Materials and Methods). IF (Fig 7A & B): rat RPE-J cells Functional assays (Figs 5, 6, 7C, 7D) Note: The specificity of the JC63.1 antibody was confirmed by flow cytometry and immunoprecipitation in w





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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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