

# Product Datasheet

## Fibrinogen Antibody [FITC] NB120-8845

Unit Size: 1 ml

Store at 4C. Do not freeze.

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**NB120-8845****Fibrinogen Antibody [FITC]**

<b>Product Information</b>	
<b>Unit Size</b>	1 ml
<b>Concentration</b>	10 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.1% Sodium Azide
<b>Conjugate</b>	FITC
<b>Purity</b>	IgG purified
<b>Buffer</b>	PBS (pH 7.2)

<b>Product Description</b>	
<b>Host</b>	Sheep
<b>Gene ID</b>	2243
<b>Gene Symbol</b>	FGA
<b>Species</b>	Human
<b>Reactivity Notes</b>	Cross-reacts with Human. Not yet tested in other species.
<b>Specificity/Sensitivity</b>	The unconjugated immunoglobulin gives a single arc when tested by immunoelectrophoresis against fresh human plasma. Identity has been confirmed by double diffusion (Ouchterlony) against fresh human plasma and an anti human fibrinogen of known specificity.
<b>Immunogen</b>	Human fibrinogen (fraction E), purified from pooled human plasma.

<b>Product Application Details</b>	
<b>Applications</b>	Immunocytochemistry/Immunofluorescence
<b>Recommended Dilutions</b>	Immunocytochemistry/Immunofluorescence 1:25 - 1:50
<b>Application Notes</b>	Direct Immunofluorescence using frozen sections of pathological human skin containing fibrinogendeposits. The following points should be observed when using this product: 1) Dilutions of the conjugate must be made in a suitable buffer (e.g. 0.15M Phosphate buffered saline, pH 7.2) 2) It is recommended that dilutions of the conjugate are made in polypropylene or polyethylene containers. Other materials (e.g. polystyrene, some grades of glass) may be detrimental to the conjugate. 3) Working dilutions of the conjugate should be prepared as and when required as they may not be stable for extended periods of time. 4) Avoid exposure of FITC conjugates to light. 5) If required, the addition of Tween 20 (0.05 - 0.1%) to the conjugate diluent buffer may help to prevent non-specific binding. 6) Use of mounting medium containing anti-fading agents is recommended.

**Publications**

Wilson, K M, McCaw, R B, Leo, L, Arning, E, Lhotak, S, Bottiglieri, T, Austin, R C, Lentz, S R. Prothrombotic Effects of Hyperhomocysteinemia Hypercholesterolemia in ApoE-Deficient Mice. 27, 233-240. 2007-01-01 [PMID: 17082485]





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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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