



# Mouse Anti-Human CD34 monoclonal antibody, clone 692 [FITC] (CABT-L969)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Target</b>	CD34
<b>Immunogen</b>	Human CD34
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	692
<b>Purification</b>	Purified
<b>Conjugate</b>	FITC
<b>Applications</b>	FC
<b>Format</b>	Liquid.
<b>Concentration</b>	0.2 mg/ml
<b>Size</b>	500 µl
<b>Buffer</b>	PBS with 4mg/ml BSA
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	4° C

## BACKGROUND

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<b>Introduction</b>	CD34 is a highly glycosylated monomeric 111-115 kDa surface protein, which is present on many stem cell populations. It is a well established stem cell marker, though its expression on human hematopoietic stem cells is reversible. CD34 probably serves as a surface receptor that undergoes receptor-mediated endocytosis and regulates adhesion, differentiation and proliferation of hematopoietic stem cells and other progenitors. CD34 expression is likely to represent a specific state of hematopoietic development that may have altered adhering properties with expanding and differentiating capabilities in both in vitro and in vivo conditions.
<b>Keywords</b>	CD34;hematopoietic progenitor cell antigen CD34;CD34 antigen;hematopoietic progenitor cell marker CD34

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## GENE INFORMATION

Entrez Gene ID [947](#)

UniProt ID [P28906](#)