

## 30-2195: Anti-CD34 / Mucosialin Monoclonal Antibody (Clone:4H11[APG])-PE Conjugated

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	4H11[APG]
<b>Application :</b>	IHC,FACS
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	PE
<b>Gene :</b>	CD34
<b>Gene ID :</b>	947
<b>Uniprot ID :</b>	P28906
<b>Alternative Name :</b>	CD34
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Permanent human cell line derived from peripheral leucocytes of a patient suffering from chronic myeloid leukaemia.

### Description

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.

### Product Info

<b>Amount :</b>	100 tests
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

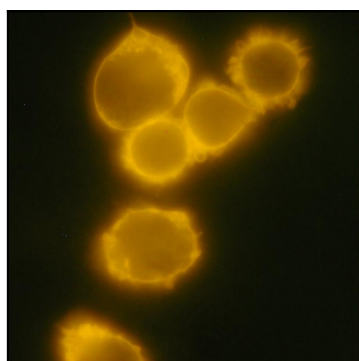


Figure 1: Detection of CD34 in human chronic myeloid leukemia cell line MOLM-7 with anti-human CD34 (4H11[APG]) PE.