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

Clonality: Monoclonal **Clone Name:** 4H11[APG] IHC.FACS Application: Reactivity: Human Conjugate: PΕ Gene: CD34 Gene ID: 947 **Uniprot ID:** P28906 **Alternative Name: CD34** Isotype: Mouse IgG1

Immunogen Information: 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

Amount: 100 tests

Storage condition : 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.