



Mouse Anti-Human CD34 monoclonal antibody (CABT-L968)

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

PRODUCT INFORMATION

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| Specificity | CD34 Monoclonal Antibody detects endogenous levels of CD34 protein. |
| Target | CD34 |
| Immunogen | Purified recombinant fragment of CD34 expressed in E. Coli. |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Purification | Affinity purified |
| Conjugate | Unconjugated |
| Applications | WB, IHC, IF, ELISA |
| Cellular Localization | Membrane; Single-pass type I membrane protein |
| Format | Liquid. |
| Size | 100 µl |
| Preservative | 0.03% Sodium Azide |
| Storage | Store at -20°C. Avoid repeated freeze/thaw cycles. |

BACKGROUND

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| Introduction | 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 |
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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.

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| Keywords | CD34;hematopoietic progenitor cell antigen CD34;CD34 antigen;hematopoietic progenitor cell marker CD34 |
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GENE INFORMATION

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| Entrez Gene ID | 947 |
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| UniProt ID | P28906 |
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