

## Product datasheet

### Mouse Anti-CD34-FITC (MM105-F)



## Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-Human CD34   |
| <b>Host species</b>        | Mouse   |
| <b>Target species</b>      | Human   |
| <b>Tested applications</b> | <b>Suitable for:</b> Flow cytometry, ICC, IHC-Fr, IHC-P                                       |
| <b>Immunogen</b>           | A KLH-conjugated synthetic peptide derived from human CD34 protein was used for immunization. |
| <b>Conjugation</b>         | FITC  |

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## Properties

|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4 °C. Store at 4 °C. Avoid freezing. Store at dark.  |
| <b>Storage buffer</b>       | Phosphate buffered saline pH 7.4, contains stabilizer and ≤0.09% sodium azide.  |
| <b>Purity</b>               | Protein G affinity purified   |
| <b>Purification notes</b>   | This product was prepared by immunoaffinity chromatography using protein G coupled to Sepharose 4B.   |
| <b>Conjugation notes</b>    | FITC-conjugated   |
| <b>Clonality</b>            | Monoclonal  |
| <b>Isotype</b>              | IgG   |
| <b>General notes</b>        | Centrifuge product if not completely clear after standing at room temperature. This product is stable before the expiry date at 4 °C as an undiluted liquid. Dilute only prior to immediate use.<br>Our customer's feedback says the antibody worked great. If in case the antibody fails to give results then please contact our scientific support team for assistance. |

## Applications

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end-user.

### Product Usage Information:

#### Application Dilutions

|                                 |            |
|---------------------------------|------------|
| Immunohistochemistry (Paraffin) | 5-10 ug/ml |
| Immunohistochemistry (Frozen)   | 5-10 ug/ml |
| Immunofluorescence              | 5-10 ug/ml |
| Flow Cytometry                  | 5-10 ug/ml |

### Background:

CD34 is a transmembrane phosphoglycoprotein protein encoded by the CD34 gene in humans, mice, rats and other species. CD34 derives its name from the cluster of differentiation protocol that identifies cell surface antigens. CD34 was first described on hematopoietic stem cells independently by Civin et al.

**Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"**

### Terms and conditions

Guarantee only valid for products bought direct from PADZA or one of our authorized distributors

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### References:

Note: This product has originally been developed at Avicenna Research Institute, Tehran, IRAN and assigned to PADZA Company according to contract 98/15/191, dated 98/01/10.