

## ARG22989 anti-CD66b antibody [80H3]

Package: 100 µg  
Store at: -20°C

### Summary

<b>Product Description</b>	Mouse Monoclonal antibody [80H3] recognizes CD66b Mouse anti Human CD66b antibody, clone 80H3 reacts with the CEACAM8 or CGM6 gene product, from the carcinoembryonic gene family. The CEACAM8 gene product is called CD66b, Non-specific cross-reacting antigen NCA-95 or Carcinoembryonic antigen CGM6. CD66b is a 286 amino acid mature ~95-100 kDa GPI anchored molecule with an N-terminal 34 amino acid signal peptide and a 29 amino acid C-terminal propeptide, shed in the mature form. CD66b is expressed strongly by mature granulocytes and metamyelocytes, and weakly by bone marrow myelocytes. CD66b is not expressed by peripheral blood monocytes or lymphocytes.
<b>Tested Reactivity</b>	Hu
<b>Tested Application</b>	FACS, FuncSt, IHC-Fr, WB
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clone</b>	80H3
<b>Isotype</b>	IgG1
<b>Target Name</b>	CD66b
<b>Species</b>	Human
<b>Immunogen</b>	Human leucocytes from individuals with CML.
<b>Conjugation</b>	Un-conjugated
<b>Alternate Names</b>	CD67; NCA-95; CD67 antigen; CGM6; CD66b; Carcinoembryonic antigen-related cell adhesion molecule 8; Carcinoembryonic antigen CGM6; Non-specific cross-reacting antigen NCA-95; CD antigen CD66b

### Application Instructions

<b>Application table</b>	<table border="1"> <thead> <tr> <th>Application</th> <th>Dilution</th> </tr> </thead> <tbody> <tr> <td>FACS</td> <td>1:50 - 1:100</td> </tr> <tr> <td>FuncSt</td> <td>Assay-dependent</td> </tr> <tr> <td>IHC-Fr</td> <td>1:25 - 1:100</td> </tr> <tr> <td>WB</td> <td>Assay-dependent</td> </tr> </tbody> </table>	Application	Dilution	FACS	1:50 - 1:100	FuncSt	Assay-dependent	IHC-Fr	1:25 - 1:100	WB	Assay-dependent
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**Application Note**

Functional study: This product contains sodium azide, removal by dialysis is recommended prior to use in functional assays.

IHC-Fr: The epitope recognised by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. Arigo recommends the use of acetone fixation for frozen sections.

FACS: Use 10 µl of the suggested working dilution to label 5 x 10<sup>5</sup> cells or 100 µl whole blood.

\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.09% Sodium azide and 0.5% BSA
Preservative	0.09% Sodium azide
Stabilizer	0.5% BSA
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Gene Symbol	CEACAM8
Gene Full Name	carcinoembryonic antigen-related cell adhesion molecule 8
Calculated Mw	38 kDa