# **Product Datasheet**

# ICAM-1/CD54 Antibody (MEM-111) [Allophycocyanin] NB500-318APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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# NB500-318APC

ICAM-1/CD54 Antibody (MEM-111) [Allophycocyanin]

Unit Size  O.1 ml  Please see the vial label for concentration. If unlisted please contact technical services.  Storage  Store at 4C in the dark.  Clonality  Monoclonal  Clone  MEM-111  Preservative  O.05% Sodium Azide  IgG2a  Conjugate  Allophycocyanin  Purity  Protein A purified  Buffer  PBS  Product Description  Host  Mouse  Gene ID  3383  Gene Symbol  ICAM1  Species  Human, Rat, Bovine  Specificity/Sensitivity  The antibody MEM-111 reacts with an extracellular epitope CD54 (ICAM-1), a 85-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, macrophages, granulocytes and dendritic cells. HLDA VI; WS Code AS A049  Immunogen  Product Application Details  Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Praaffin, CyTOF-ready	ICAM-1/CD54 Antibody (MEM-111) [Aliophycocyanin]	
Please see the vial label for concentration. If unlisted please contact technical services.  Storage Store at 4C in the dark.  Clonality Monoclonal  Clone MEM-111  Preservative 0.05% Sodium Azide sotype IgG2a  Conjugate Allophycocyanin  Purity Protein A purified  Buffer PBS  Product Description  Host Mouse Gene ID 3383  Gene Symbol ICAM1  Species Human, Rat, Bovine  Specificity/Sensitivity The antibody MEM-111 reacts with an extracellular epitope CD54 (ICAM-1), a 85-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, monocytes, macrophages, granulocytes and dendritic cells. HLDA VI; WS Code AS A049  Product Application Details  Applications Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, ELISA, Immunohistochemistry, Immunohistochemistry, Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,	Product Information	
Storage Store at 4C in the dark.  Clonality Monoclonal  Clone MEM-111  Preservative 0.05% Sodium Azide  sotype IgG2a  Conjugate Allophycocyanin  Purity Protein A purified  Buffer PBS  Product Description  Host Mouse  Gene ID 3383  Gene Symbol ICAM1  Species Human, Rat, Bovine  Specificity/Sensitivity The antibody MEM-111 reacts with an extracellular epitope CD54 (ICAM-1), a 85-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells. HLDA VI; WS Code AS A049  Immunogen Reight Mestern Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Recommended Dilutions  Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,	Unit Size	0.1 ml
Clonality Monoclonal Clone MEM-111 Preservative 0.05% Sodium Azide sotype IgG2a Conjugate Allophycocyanin Purity Protein A purified Buffer PBS Product Description Host Mouse Gene ID 3383 Gene Symbol ICAM1 Species Human, Rat, Bovine Specificity/Sensitivity The antibody MEM-111 reacts with an extracellular epitope CD54 (ICAM-1), a 85-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells. HLDA VI; WS Code AS A049 Immunogen Raji human Burkitt's lymphoma cell line (NM_000201.2). Product Application Details Applications Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Recommended Dilutions	Concentration	l l
Clone MEM-111  Preservative 0.05% Sodium Azide  sotype IgG2a  Conjugate Allophycocyanin  Protein A purified  Buffer PBS  Product Description  Host Mouse  Gene ID 3383  Gene Symbol ICAM1  Species Human, Rat, Bovine  The antibody MEM-111 reacts with an extracellular epitope CD54 (ICAM-1), a 85-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells. HLDA VI; WS Code AS A049  Immunogen Raji human Burkitt's lymphoma cell line (NM_000201.2).  Product Application Details  Applications Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,  Recommended Dilutions Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,	Storage	Store at 4C in the dark.
Preservative  Sotype  IgG2a  Conjugate Allophycocyanin Protein A purified Buffer PBS  Product Description Host Mouse Gene ID 3383  Gene Symbol ICAM1  Species Human, Rat, Bovine The antibody MEM-111 reacts with an extracellular epitope CD54 (ICAM-1), a 85-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells. HLDA VI; WS Code AS A049  Immunogen Raji human Burkitt's lymphoma cell line (NM_000201.2).  Product Application Details Applications Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready Recommended Dilutions Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,	Clonality	Monoclonal
IgG2a Conjugate Allophycocyanin Purity Protein A purified Buffer PBS  Product Description Host Gene ID 3383 Gene Symbol ICAM1 Species Human, Rat, Bovine Specificity/Sensitivity The antibody MEM-111 reacts with an extracellular epitope CD54 (ICAM-1), a 85-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, macrophages, granulocytes and dendritic cells. HLDA VI; WS Code AS A049  Immunogen Raji human Burkitt's lymphoma cell line (NM_000201.2).  Product Application Details Applications Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready Recommended Dilutions Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,	Clone	MEM-111
Allophycocyanin Purity Protein A purified Buffer PBS  Product Description Host Mouse Gene ID 3383 Gene Symbol ICAM1 Species Human, Rat, Bovine Specificity/Sensitivity The antibody MEM-111 reacts with an extracellular epitope CD54 (ICAM-1), a 85-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells. HLDA VI; WS Code AS A049  Immunogen Raji human Burkitt's lymphoma cell line (NM_000201.2).  Product Application Details Applications Western Blot, ELISA, Flow Cytometry, Immunohistochemistry-Paraffin, CyTOF-ready Recommended Dilutions Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,	Preservative	0.05% Sodium Azide
Purity Protein A purified  Buffer PBS  Product Description  Host Mouse  Gene ID 3383  Gene Symbol ICAM1  Species Human, Rat, Bovine  The antibody MEM-111 reacts with an extracellular epitope CD54 (ICAM-1), a 85-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells. HLDA VI; WS Code AS A049  Immunogen Raji human Burkitt's lymphoma cell line (NM_000201.2).  Product Application Details  Applications Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready  Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,	Isotype	lgG2a
Product Description Host Mouse Gene ID 3383 Gene Symbol ICAM1 Species Human, Rat, Bovine Specificity/Sensitivity The antibody MEM-111 reacts with an extracellular epitope CD54 (ICAM-1), a 85-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, macrophages, granulocytes and dendritic cells. HLDA VI; WS Code AS A049  Immunogen Raji human Burkitt's lymphoma cell line (NM_000201.2).  Product Application Details Applications Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,	Conjugate	Allophycocyanin
Product Description  Host Mouse  Gene ID 3383  Gene Symbol ICAM1  Species Human, Rat, Bovine  Specificity/Sensitivity The antibody MEM-111 reacts with an extracellular epitope CD54 (ICAM-1), a 85-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells. HLDA VI; WS Code AS A049  Immunogen Raji human Burkitt's lymphoma cell line (NM_000201.2).  Product Application Details  Applications Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready  Recommended Dilutions Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,	Purity	Protein A purified
Host Gene ID  3383  Gene Symbol  ICAM1  Human, Rat, Bovine  Species  Human, Rat, Bovine  The antibody MEM-111 reacts with an extracellular epitope CD54 (ICAM-1), a 85-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells. HLDA VI; WS Code AS A049  Immunogen  Product Application Details  Applications  Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready  Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,  Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,	Buffer	PBS
Gene Symbol  ICAM1  Species  Human, Rat, Bovine  The antibody MEM-111 reacts with an extracellular epitope CD54 (ICAM-1), a 85-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells. HLDA VI; WS Code AS A049  Immunogen  Raji human Burkitt's lymphoma cell line (NM_000201.2).  Product Application Details  Applications  Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready  Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,	Product Description	
Gene Symbol  ICAM1  Human, Rat, Bovine  The antibody MEM-111 reacts with an extracellular epitope CD54 (ICAM-1), a 85-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells. HLDA VI; WS Code AS A049  Raji human Burkitt's lymphoma cell line (NM_000201.2).  Product Application Details  Applications  Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready  Recommended Dilutions  Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,	Host	Mouse
Human, Rat, Bovine  The antibody MEM-111 reacts with an extracellular epitope CD54 (ICAM-1), a 85-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells. HLDA VI; WS Code AS A049  Raji human Burkitt's lymphoma cell line (NM_000201.2).  Product Application Details  Applications  Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready  Recommended Dilutions  Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,	Gene ID	3383
The antibody MEM-111 reacts with an extracellular epitope CD54 (ICAM-1), a 85-10 kDa type I transmembrane glycoprotein (receptor for rhinovirus). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells. HLDA VI; WS Code AS A049  Raji human Burkitt's lymphoma cell line (NM_000201.2).  Product Application Details  Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready  Recommended Dilutions  Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,	Gene Symbol	ICAM1
-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells. HLDA VI; WS Code AS A049  Raji human Burkitt's lymphoma cell line (NM_000201.2).  Product Application Details  Applications  Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready  Recommended Dilutions  Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,	Species	Human, Rat, Bovine
Product Application Details  Applications  Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready  Recommended Dilutions  Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,	Specificity/Sensitivity	-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, monocytes, macrophages,
Applications  Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready  Recommended Dilutions  Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,	Immunogen	Raji human Burkitt's lymphoma cell line (NM_000201.2).
Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready  Recommended Dilutions  Western Blot, Flow Cytometry, ELISA, Immunohistochemistry,	Product Application Details	
	Applications	
	Recommended Dilutions	





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## **Products Related to NB500-318APC**

IC003A Mouse IgG2a Isotype Control (20102) [Allophycocyanin]

NB500-318PE ICAM-1/CD54 Antibody (MEM-111) [PE]
NBP1-88700PEP ICAM-1/CD54 Recombinant Protein Antigen

210-TA-005 TNF-alpha [Unconjugated]

#### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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