# **Product Datasheet**

# ICAM-1/CD54 Antibody (1A29) [DyLight 680] NBP2-22541FR

Unit Size: 0.1 ml

Store at 4C in the dark.

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## NBP2-22541FR

CAM-1/CD54 Antibody (1A29) [DyLight 680]

Product Information   Unit Size	ICAM-1/CD54 Antibody (1A29)	[DyLight 680]	
Concentration Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.  Storage Store at 4C in the dark.  Clonality Monoclonal Clone 1A29 Preservative 0.05% Sodium Azide Isotype IgG1 Conjugate DyLight 680 Purity Protein A or G purified Buffer 50mM Sodium Borate  Product Description Host Mouse Gene ID 3383 Gene Symbol ICAM1 Species Human, Mouse, Rat Reactivity Notes Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.  Immunogen Rat lymph node stroma  Notes  Product Application Details Applications Western Blot, Electron Microscopy, Flow Cytometry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunohistochemistry-Frozen, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immuno	Product Information		
Storage Store at 4C in the dark.  Clonality Monoclonal  Clone 1A29  Preservative 0.05% Sodium Azide  Isotype IgG1  Conjugate DyLight 680  Purity Protein A or G purified  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 3383  Gene Symbol ICAM1  Species Human, Mouse, Rat  Reactivity Notes Please note that this antibody is reactive to Mouse and derived from the same host, Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.  Immunogen Rat lymph node stroma  Notes  Product Application Details  Applications Western Blot, Electron Microscopy, Flow Cytometry, Immunocytochemistry/Immunohistochemistry-Prazen, Immunohistochemistry-Prazen, Immunohistochemistry-Prazen, Immunohistochemistry-Prazen, Immunohistochemistry-Prazen, Immunohistochemistry-Prazen, Immunohistochemistry-Prazen, Immunohistochemistry-Prazeflin, Immunohistochemistry, Immunohistoche	Unit Size	0.1 ml	
Clone 1A29 Preservative 0.05% Sodium Azide Isotype IgG1 Conjugate DyLight 680 Purity Protein A or G purified Buffer 50mM Sodium Borate  Product Description Host Mouse Gene ID 3383 Gene Symbol ICAM1 Species Human, Mouse, Rat Reactivity Notes Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.  Immunogen Rat lymph node stroma  Notes  Product Application Details  Applications Western Blot, Electron Microscopy, Flow Cytometry, Immunocytochemistry/Immunohistochemistry-Prozen, Immunohistochemistry-Prozen, Immunohistochemistry-Prozen, Immunohistochemistry-Prozen, Immunohistochemistry-Proxen, Immunohistochemistry-Proxen	Concentration		
Clone 1A29  Preservative 0.05% Sodium Azide  Isotype IgG1  Conjugate DyLight 680  Purity Protein A or G purified  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 3383  Gene Symbol ICAM1  Species Human, Mouse, Rat  Reactivity Notes Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.  Immunogen Rat lymph node stroma  Notes  Product Application Details  Applications Western Blot, Electron Microscopy, Flow Cytometry, Immunocytochemistry/ Immunofistochemistry-Frozen, Immunohistochemistry-Frozen, Immunohistochemistry-Frozen, Immunohistochemistry-Free-Floating  Recommended Dilutions Western Blot, Flow Cytometry, Immunocytochemistry/ Immunohistochemistry-Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry-Frozen, Proximity Ligation Assay, Electron Microsco	Storage	Store at 4C in the dark.	
Preservative  Isotype  IgG1  Conjugate  DyLight 680  Purity  Protein A or G purified  Buffer  SomM Sodium Borate  Product Description  Host  Mouse  Gene ID  3383  Gene Symbol  ICAM1  Species  Human, Mouse, Rat  Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.  Immunogen  Rat lymph node stroma  Notes  Product Application Details  Applications  Western Blot, Electron Microscopy, Flow Cytometry, Immunocytochemistry-Frozen, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Block/Neutralize, Immunohistochemistry Free-Floating  Recommended Dilutions  Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry Free-Floating  Recommended Dilutions	Clonality	Monoclonal	
Isotype IgG1 Conjugate DyLight 680 Purity Protein A or G purified Buffer S0mM Sodium Borate  Product Description Host Mouse Gene ID 3383 Gene Symbol ICAM1 Species Human, Mouse, Rat Reactivity Notes Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.  Immunogen Rat lymph node stroma  Notes  Product Application Details  Applications Western Blot, Electron Microscopy, Flow Cytometry, Immunocytochemistry/ Immunofilstochemistry-Paraffin, Proximity Ligation Assay, Block/Neutralize, Immunofilstochemistry Free-Floating  Recommended Dilutions Western Blot, Flow Cytometry, Immunohistochemistry/ Immunohistochemistry/ Immunohistochemistry Free-Floating  Recommended Dilutions Western Blot, Flow Cytometry, Immunohistochemistry/ Immunohistochemistry/ Free-Floating Immunohistochemistry/ Immunohistochemistry/ Free-Floating, Immunohistochemistry/ Immunohistochemistry/ Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry-Frozen, Pro	Clone	1A29	
Conjugate DyLight 680 Purity Protein A or G purified Buffer 50mM Sodium Borate  Product Description Host Mouse Gene ID 3383 Gene Symbol ICAM1 Species Human, Mouse, Rat Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.  Immunogen Rat lymph node stroma  Notes  DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  Product Application Details  Applications  Western Blot, Electron Microscopy, Flow Cytometry, Immunocytochemistry/Immunofistochemistry-Prozen, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Block/Neutralize, Immunohistochemistry Free-Floating  Recommended Dilutions  Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunohistochemistry Free-Floating  Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunohistochemistry-Paraffin, Immunohistochemistry-Paraffin, Immunohi	Preservative	0.05% Sodium Azide	
Purity Protein A or G purified  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 3383  Gene Symbol ICAM1  Species Human, Mouse, Rat  Reactivity Notes Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.  Immunogen Rat lymph node stroma  Notes  DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  Product Application Details  Applications Western Blot, Electron Microscopy, Flow Cytometry, Immunocytochemistry/Immunofliuorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Block/Neutralize, Immunofliuorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunohistochemistry Free-Floating  Recommended Dilutions  Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Immunofliuorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunohistochemistry-Paraffin, Immunohistochemistry-Paraffin, Immunohistochemistry-Paraffin, Immunohistochemistry-Paraffin, Immunohistochemistry-Paraffin, Immunohistochemistry-Paraffin, Immunohistochemistry-Paraffi	Isotype	IgG1	
Product Description  Host Mouse  Gene ID 3383  Gene Symbol ICAM1  Species Human, Mouse, Rat  Reactivity Notes Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.  Immunogen Rat lymph node stroma  Notes  Product Application Details  Applications Western Blot, Electron Microscopy, Flow Cytometry, Immunocytochemistry/ Immunofistochemistry-Paraffin, Proximity Ligation Assay, Block/Neutralize, Immunofistochemistry Free-Floating  Recommended Dilutions Western Blot, Flow Cytometry, Immunohistochemistry/ Immunofistochemistry Free-Floating  Recommended Dilutions Western Blot, Flow Cytometry, Immunohistochemistry/ Immunofistochemistry Free-Floating  Recommended Dilutions Western Blot, Flow Cytometry, Immunohistochemistry/ Immunofistochemistry Free-Floating  Recommended Dilutions Western Blot, Flow Cytometry, Immunohistochemistry/ Immunofistochemistry-Paraffin, Immunohistochemistry/ Immunofistochemistry-Paraffin, Immunohistochemistry/ Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry-Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry-Para	Conjugate	DyLight 680	
Product Description  Host Mouse  Gene ID 3383  Gene Symbol ICAM1  Species Human, Mouse, Rat  Reactivity Notes Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.  Immunogen Rat lymph node stroma  Notes  DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  Product Application Details  Applications Western Blot, Electron Microscopy, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Block/Neutralize, Immunohistochemistry Free-Floating  Recommended Dilutions Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry-Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry-Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry	Purity	Protein A or G purified	
Host Mouse  Gene ID 3383  Gene Symbol ICAM1  Species Human, Mouse, Rat  Reactivity Notes Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.  Immunogen Rat lymph node stroma  Notes  DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  Product Application Details  Applications Western Blot, Electron Microscopy, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Block/Neutralize, Immunohistochemistry Free-Floating  Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunohistochemistry Free-Floating  Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunohistochemistry Free-Floating  Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry	Buffer	50mM Sodium Borate	
Gene ID Gene Symbol ICAM1 Species Human, Mouse, Rat  Reactivity Notes Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.  Immunogen Rat lymph node stroma  Notes  DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  Product Application Details  Applications Western Blot, Electron Microscopy, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Block/Neutralize, Immunohistochemistry Free-Floating  Recommended Dilutions Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry-Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry-Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry	<b>Product Description</b>		
Gene Symbol  Species  Human, Mouse, Rat  Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.  Immunogen  Rat lymph node stroma  Notes  DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  Product Application Details  Applications  Western Blot, Electron Microscopy, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry Pearaffin, Proximity Ligation Assay, Block/Neutralize, Immunofluorescence, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry-Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry-Frozen, Immunohistochemistry-Frozen, Immunohistochemistry-Frozen, Immunohistochemistry-Frozen, Immunohistochemistry-Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry-Frozen, Immunohistochemistry-Fr	Host	Mouse	
Species	Gene ID	3383	
Reactivity Notes  Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.  Rat lymph node stroma  Notes  DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  Product Application Details  Applications  Western Blot, Electron Microscopy, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Block/Neutralize, Immunohistochemistry Free-Floating  Recommended Dilutions  Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry-Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry	Gene Symbol	ICAM1	
host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.  Immunogen  Rat lymph node stroma  Notes  DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  Product Application Details  Applications  Western Blot, Electron Microscopy, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Block/Neutralize, Immunohistochemistry Free-Floating  Recommended Dilutions  Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry	Species	Human, Mouse, Rat	
Notes  DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  Product Application Details  Applications  Western Blot, Electron Microscopy, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Block/Neutralize, Immunohistochemistry Free-Floating  Recommended Dilutions  Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry- Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry	Reactivity Notes	host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more	
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Applications  Western Blot, Electron Microscopy, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Block/Neutralize, Immunohistochemistry Free-Floating  Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry- Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry	Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.	
Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Block/Neutralize, Immunohistochemistry Free-Floating  Recommended Dilutions  Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry	<b>Product Application Details</b>		
Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry	Applications	Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Block/Neutralize,	
	Recommended Dilutions	Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry	





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### **Products Related to NBP2-22541FR**

NBP1-97005FR Mouse IgG1 Isotype Control (MG1) [DyLight 680]

NBP1-88701PEP ICAM-1/CD54 Recombinant Protein Antigen

210-TA-005 TNF-alpha [Unconjugated] 796-IC-050 ICAM-1/CD54 [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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