

# Product Datasheet

## EMR3 Antibody (3D7) [Janelia Fluor® 646] NB100-65935JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-65935JF646**

EMR3 Antibody (3D7) [Janelia Fluor® 646]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	3D7
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Janelia Fluor 646
Purity	Protein G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Armenian Hamster
Gene ID	84658
Gene Symbol	ADGRE3
Species	Human
Reactivity Notes	Reacts with Human.
Specificity/Sensitivity	NB100-65935 recognizes human epidermal growth factor (EGF) module-containing mucin-like hormone receptor 3 (EMR3), which is a 56kD member of the EGF-7 transmembrane (TM7) family of adhesion receptors. EMR3 is expressed at the cell surface as a heterodimer. The molecule is predominantly expressed on granulocytes, and at lower levels on mature myeloid cells, monocytes and dendritic cells. EMR3 is absent on lymphocytes, haematopoietic stem cells and myeloid progenitors. Studies suggest that the EMR3 molecule is up-regulated during late stages of neutrophil differentiation and is a marker for terminally differentiated cells. The exact functions of EMR3 and its ligands have not yet been determined.
Immunogen	ARHO-EMR3-CD97 (EGF1) transfectants
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
Product Application Details	
Applications	Flow Cytometry, Immunoprecipitation
Recommended Dilutions	Flow Cytometry, Immunoprecipitation
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NB100-65935JF646**

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NBP1-86454PEP	EMR3 Recombinant Protein Antigen
236-EG-200	EGF [Unconjugated]
NBP2-05995	EMR3 Overexpression Lysate
NB100-524	NOD2 Antibody (2D9) - BSA Free

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### **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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