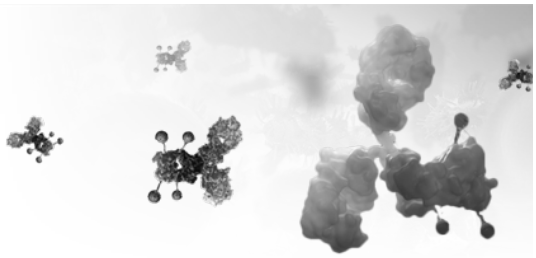

Anti-EMR3 monoclonal antibody, clone 3D7 (CABT-52287HH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Hamster anti Human EMR3 antibody, clone 3D7 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. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	EMR3
Immunogen	ARHO-EMR3-CD97 (EGF1) transfectants.
Isotype	IgG
Source/Host	Hamster
Species Reactivity	Human
Clone	3D7
Conjugate	Unconjugated
Applications	FC; IP
Format	Purified IgG - liquid
Size	100 µg

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Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	EMR3 egf-like module containing, mucin-like, hormone receptor-like 3 [Homo sapiens (human)]
Official Symbol	EMR3
Synonyms	EMR3; egf-like module containing, mucin-like, hormone receptor-like 3; EGF-like module-containing mucin-like hormone receptor-like 3; EGF-like module receptor 3; egf-like module-containing mucin-like receptor 3;
Entrez Gene ID	84658
Protein Refseq	NP_001276087
UniProt ID	Q9BY15
Chromosome Location	19p13.1
Pathway	Class B/2 (Secretin family receptors); Defective ACTH causes Obesity and Pro-opiomelanocortinin deficiency (POMCD); Disease; GPCR ligand binding; GPCRs, Other; Metabolic disorders of biological oxidation enzymes; Signal Transduction; Signaling by GPCR.
Function	G-protein coupled receptor activity; calcium ion binding;

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