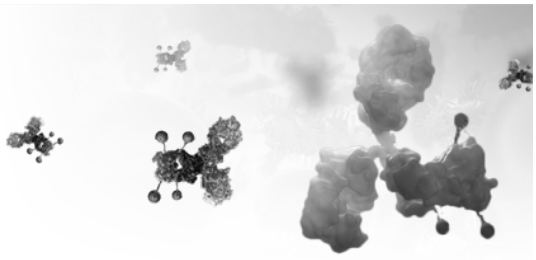

Anti-ADAM17 monoclonal antibody, clone 335075 [Biotin] (DCABY-4328)

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

PRODUCT INFORMATION

Antigen Description	Members of the ADAM or MDC (Metalloprotease, Disintegrin, Cysteine-rich) family contain pro, metalloprotease-like, disintegrin-like, cysteine-rich, transmembrane and cytoplasmic domains. They play a fundamental role in diverse processes such as asthma, development, angiogenesis and cancer through their activities in cell adhesion/fusion, membrane protein shedding, and signal transduction. Over 30 members have been identified and about half of them are active metalloproteases such as ADAM8, 9, 10, 12 and 17/TACE.
Specificity	Detects the ectodomain of human TACE/ADAM17 in ELISAs. In sandwich immunoassays, no cross-reactivity with recombinant mouse (rm)TACE, recombinant human (rh)ADAM8, rhADAM9, or rmADAM10 is observed.
Immunogen	Insect ovarian cell line T. ni-derived recombinant human TACE/ADAM17. Arg215-Asn671 (predicted) Accession Number P78536
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	335075
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Biotin
Applications	ELISA Detection (Matched Pair)
Format	Liquid
Size	250 µg

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Buffer	Lyophilized from a 0.2 μm filtered solution in PBS with BSA as a carrier protein.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	ADAM17 ADAM metallopeptidase domain 17 [Homo sapiens (human)]
Official Symbol	ADAM17
Synonyms	ADAM17; ADAM metallopeptidase domain 17; CSVP; TACE; NISBD; ADAM18; CD156B; disintegrin and metalloproteinase domain-containing protein 17; TNF-alpha convertase; snake venom-like protease; TNF-alpha converting enzyme; ADAM metallopeptidase domain 18; tumo
Entrez Gene ID	6868
Protein Refseq	NP_003174
UniProt ID	B2RNB2
Chromosome Location	2p25
Pathway	Activated NOTCH1 Transmits Signal to the Nucleus; Alzheimers disease; Alzheimers Disease; Apoptosis; BDNF signaling pathway; Collagen degradation; Constitutive Signaling by NOTCH1 HD Domain Mutants; Constitutive Signaling by NOTCH1 HD+PEST Domain Mutants;
Function	Notch binding; PDZ domain binding; SH3 domain binding; integrin binding; interleukin-6 receptor binding; metalloendopeptidase activity; metallopeptidase activity; protein binding; zinc ion binding;

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