



Anti-ANG monoclonal antibody, clone 25028 (DCABY-4038)

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

PRODUCT INFORMATION

Antigen Description	Angiogenin (ANG) is a secreted protein that belongs to the pancreatic ribonuclease family. It was initially purified based on its ability to initiate vascularization in the chicken embryo chorioallantoic membrane from serum-free media conditioned by growth of a human adenocarcinoma cell line HT-29. A number of other tumors, as well as normal cell lines, also secrete Angiogenin. Angiogenin is present in normal human plasma.
Specificity	Detects recombinant human Angiogenin in direct ELISAs and Western blots. When used in combination with biotinylated anti-human Angiogenin detection antibody in sandwich ELISAs, no significant cross-reactivity or interference was observed with more than 40 other proteins tested.
Immunogen	E. coli-derived recombinant human Angiogenin. Gln25-Pro147 Accession Number P03950
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	25028
Purification	Protein A or G purified from ascites
Conjugate	Unconjugated
Applications	Western Blot, ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg

Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
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 from date of receipt, 2 to 8 °C, reconstituted. 6 months from date of receipt, -20 to -70 °C, reconstituted.

GENE INFORMATION

Gene Name	ANG angiogenin, ribonuclease, RNase A family, 5 [Homo sapiens (human)]
Official Symbol	ANG
Synonyms	ANG; angiogenin, ribonuclease, RNase A family, 5; ALS9; RAA1; HEL168; RNASE4; RNASE5; angiogenin; RNase 5; ribonuclease 5; ribonuclease A A1; epididymis luminal protein 168;
Entrez Gene ID	283
Protein Refseq	NP_001091046
UniProt ID	P03950
Chromosome Location	14q11.1-q11.2
Function	DNA binding; actin binding; copper ion binding; endonuclease activity; endoribonuclease activity, producing 3-phosphomonoesters; heparin binding; peptide binding; protein binding; rRNA binding; receptor binding; ribonuclease activity;