



Anti-DAN monoclonal antibody, clone 272603 (DCABY-4223)

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

PRODUCT INFORMATION

Antigen Description	Differential screening-selected gene aberrative in neuroblastoma (DAN) is a member of the DAN family of secreted glycoproteins that are putative BMP antagonists. There are at least five mouse DAN family members, including DAN, Gremlin/DRM, Cer1 (Cerberus-related), Dante and PRDC (protein related to DAN and cerberus). Additional DAN family members include Xenopus Cerberus, chicken Caronte, and C. elegans CeCan1.
Specificity	Detects human DAN in ELISAs and Western blots. In ELISAs and Western blots, this antibody does not cross-react with recombinant mouse (rm) DAN, recombinant chicken Caronte, recombinant human Cerberus, or rmGremlin.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human DAN. Ala17-Asp180 Accession Number P41271
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	272603
Purification	Protein A or G purified from hybridoma culture supernatant
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	NBL1 neuroblastoma 1, DAN family BMP antagonist [Homo sapiens (human)]
Official Symbol	NBL1
Synonyms	NBL1; neuroblastoma 1, DAN family BMP antagonist; NB; DAN; NO3; DAND1; D1S1733E; neuroblastoma suppressor of tumorigenicity 1; DAN domain family member 1; differential screening-selected gene aberrant in neuroblastoma; neuroblastoma candidate region, supp
Entrez Gene ID	4681
Protein Refseq	NP_001191013
UniProt ID	P41271
Chromosome Location	1p36.13
Function	BMP binding; morphogen activity; protein homodimerization activity;