



Anti-DAND5 monoclonal antibody, clone 433307 [Biotin] (DCABY-4282)

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

PRODUCT INFORMATION

Antigen Description	COCO is a member of the DAN Domain family of BMP antagonists that includes DAN, Gremlin, PRDC, and Cerberus 1. DAN family members contain a cysteine knot domain that is homologous to that found in other TGF-beta superfamily ligands. COCO binds and inhibits Xnr1, BMP-4, activin, and Wnt8. COCO may cooperate with Nodal in gastrulation and embryonic left-right axis formation
Specificity	Detects human COCO in ELISAs. In sandwich immunoassays, no cross-reactivity or interference with recombinant human (rh)ActivinA, rhBMP-4, rhDAN, or recombinant mouse COCO is observed.
Immunogen	E. coli-derived recombinant human COCO. Arg23-Ala189 Accession Number NP_689867
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	433307
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Biotin
Applications	ELISA Detection (Matched Pair)
Format	Liquid
Size	250 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.

Preservative	None
Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70 °C as supplied.</p> <p>1 month, 2 to 8 °C under sterile conditions after reconstitution.</p> <p>6 months, -20 to -70 °C under sterile conditions after reconstitution.</p>

GENE INFORMATION

Gene Name	DAND5 DAN domain family member 5, BMP antagonist [Homo sapiens (human)]
Official Symbol	DAND5
Synonyms	DAND5; DAN domain family member 5, BMP antagonist; SP1; CER2; COCO; CRL2; CERL2; DANTE; GREM3; CKTSF1B3; DAN domain family member 5; cerl-2; gremlin-3; cerberus 2; cerberus-like 2; cerberus-like protein 2; DAN domain family, member 5; cysteine knot superf
Entrez Gene ID	199699
Protein Refseq	NP_689867
UniProt ID	Q8N907
Chromosome Location	19p13.2
Function	morphogen activity;