

# Product Datasheet

## DRAM Antibody [CoraFluor™ 1] NBP1-76759CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP1-76759CL1**

DRAM Antibody [CoraFluor™ 1]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Conjugate	CoraFluor 1
Purity	Peptide affinity purified
Buffer	PBS

Product Description	
Description	CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.
Host	Rabbit
Gene ID	55332
Gene Symbol	DRAM1
Species	Human, Mouse, Rat
Specificity/Sensitivity	Human DRAM has 2 isoforms, including isoform 1 (238aa, 26kD) and isoform 2 (128aa, 14kD). Mouse DRAM also has 2 isoforms, including isoform 1 (238aa, 26kD) and isoform 2 (132aa, 15kD). Rat DRAM has only one isoform (238aa, 26kD). NBP1-76759 can detect both human isoforms, and also detect mouse and rat.
Immunogen	Antibody was raised against a peptide corresponding to 16 amino acids near the amino terminus of human DRAM. The immunogen is located within amino acids 30-80 of DRAM. Amino Acid Sequence: LPYISDTGTTPPESGI
Notes	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP1-76759CL1**

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NBP1-76759PEP	DRAM Antibody Blocking Peptide
DMP900	MMP-9 [HRP]
NBP2-04372	DRAM Overexpression Lysate
NB100-2331	LC3A Antibody - BSA Free

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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