

# Product Datasheet

## PIEZO2 Antibody [CoraFluor™ 1] NBP1-78624CL1

Unit Size: 0.1 ml

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

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**NBP1-78624CL1**

PIEZO2 Antibody [CoraFluor™ 1]

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Conjugate</b>	CoraFluor 1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS
Product Description	
<b>Description</b>	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.
<b>Host</b>	Rabbit
<b>Gene ID</b>	63895
<b>Gene Symbol</b>	PIEZO2
<b>Species</b>	Human, Mouse, Rat, Guinea Pig
<b>Reactivity Notes</b>	Use in Rat reported in scientific literature (PMID:34335288) Guinea Pig reactivity reported in scientific literature (PMID: 30324494).
<b>Immunogen</b>	A synthetic peptide made to an internal portion of the human PIEZO2 protein (between residues 1600-1650) [UniProt# Q9H5I5]
<b>Notes</b>	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	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP1-78624CL1**

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NBP1-78624PEP	PIEZO2 Antibody Blocking Peptide
NBP1-78538PEP-0.1mg	PIEZO2 Antibody Blocking Peptide
NBP1-78537	PIEZO1 Antibody - BSA Free
NBP1-71774	Vanilloid R1/TRPV1 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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