

# Product Datasheet

## Vanilloid R1/TRPV1 Antibody [CoraFluor™ 1] NBP1-97417CL1

Unit Size: 0.1 ml

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

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**NBP1-97417CL1**

Vanilloid R1/TRPV1 Antibody [CoraFluor™ 1]

<b>Product Information</b>	
<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
<b>Product Description</b>	
<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>	7442
<b>Gene Symbol</b>	TRPV1
<b>Species</b>	Human, Mouse, Rat, Invertebrate, Primate
<b>Reactivity Notes</b>	Reactive to Octopus vulgaris.
<b>Immunogen</b>	A synthetic peptide made to an N-terminal portion of the rat TRPV1 protein (between residues 1-50) [Uniprot: O35433]
<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
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunofluorescence, Immunohistochemistry (Negative)
<b>Recommended Dilutions</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry (Negative), Immunofluorescence
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP1-97417CL1**

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NBP1-97417PEP	Vanilloid R1/TRPV1 Peptide
H00007442-Q01-10ug	Recombinant Human Vanilloid R1/TRPV1 GST (N-Term) Protein
NB110-40763	TRPA1 Antibody - BSA Free
NBP1-97311	TRPM8 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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