

# Product Datasheet

## Cathepsin B Assay Kit (Fluorometric) NBP2-54841

Unit Size: 100 Assays

Store at -20C.

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**NBP2-54841****Cathepsin B Assay Kit (Fluorometric)**

<b>Product Information</b>	
<b>Unit Size</b>	100 Assays
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Store at -20C.
<b>Product Description</b>	
<b>Description</b>	<p>Rapid and convenient fluorometric assay to measure Cathepsin B Activity within 1-2 hrs.</p> <p>Detection method: Fluorometer or fluorescence plate reader (Ex/Em = 400/505 nm) Applications: Detects alternative proteolytic enzymes such as the lysosomal cathepsin proteases that can initiate or propagate proapoptotic signals.</p> <p>This product is manufactured by Abcam and distributed by Novus Biologicals. (Abcam Catalog Number: ab65300)</p>
<b>Gene ID</b>	1508
<b>Gene Symbol</b>	CTSB
<b>Species</b>	Human, Mouse, Rat, Mammal
<b>Kit Components</b>	CB Cell Lysis Buffer, CB Reaction Buffer, CB Substrate Ac-RR-AFC (10 mM), CB Inhibitor (1 mM)
<b>Suitable Sample Type</b>	Cell and tissue lysates

**Publications**

Marchand B, Poulin MA, Lawson C et al. Gemcitabine promotes autophagy and lysosomal function through ERK- and TFEB-dependent mechanisms Cell death discovery 2023-02-06 [PMID: 36746928]





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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