

# Product Datasheet

## Caspase-9 Assay Kit (Fluorometric)

### NBP2-54872-100Assays

Unit Size: 100 Assays

Store at -20C.

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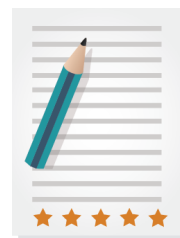
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**NBP2-54872-100Assays****Caspase-9 Assay Kit (Fluorometric)**

<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>Conjugate</b>	Rhodamine

<b>Product Description</b>	
<b>Description</b>	<p>Activation of caspases plays a central role in apoptosis. This kit provides a convenient means for detecting activated caspase-9 in living cells. The assay utilizes a caspase-9 inhibitor LEHD-FMK conjugated to sulfo-rhodamine (Red-LEHD-FMK) as the fluorescent marker. Red-LEHD-FMK is cell permeable, nontoxic, and irreversibly binds to activated caspase-9 in apoptotic cells..</p> <p>Detection method: Fluorescence microscopy, Flow cytometry or Fluorescence plate reader (Ex/Em = 540/570 nm). Applications: Detection of activated caspase-9 in living cells.</p> <p>This product is manufactured by Abcam and distributed by Novus Biologicals. (Abcam Catalog Number: ab65619)</p>
<b>Gene ID</b>	842
<b>Gene Symbol</b>	CASP9
<b>Species</b>	Human, Mouse, Rat, Mammal
<b>Specificity/Sensitivity</b>	For the active/cleaved form of Caspase-9.
<b>Kit Components</b>	Red-LEHD-FMK, Wash Buffer, Z-VAD-FMK
<b>Suitable Sample Type</b>	Live cells

<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry
<b>Recommended Dilutions</b>	Flow Cytometry

**Publications**

Yang J, Meng X, Yu Y et al. LncRNA POU3F3 promotes proliferation and inhibits apoptosis of cancer cells in triple-negative breast cancer by inactivating caspase 9 Biosci. Biotechnol. Biochem. 2019-03-07 [PMID: 30843771] (ELISA, Human)





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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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