

Datasheet: ICT9151 BATCH NUMBER 165595

Description:	GREEN CATHEPSIN B KIT
Name:	CATHEPSIN B
Format:	Rhodamine 110-(RR)2
Product Type:	Kits
Quantity:	25 TESTS

Product Details

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit <u>www.bio-rad-antibodies.com/protocols</u> .						
.	Yes	No	Not Determined	Suggested Dilution		
Flow Cytometry	•			Refer to Instructions for Use		
Immunofluorescence	•					
necessarily exclude its a guide only. It is reco	s use in such mmended tha	procedur at the use	es. Suggested workir titrates the product	ng dilutions are given as		
Fluorophore	Excitation M	ax (nm)	Emission Max (nm)			
Rhodamine110-(RR)2	525		535			
activity over time in vit non-cytotoxic and mer	ro. The Rhod	lamine 11	0 Cathepsin B substr	rate reagent is a		
rhodamine 110. Rhoda coupled to two copies preferential target seq cathepsin B target pep enzymatic cleavage at	amine 110 ca of the amino uence for cat otide sequence t one or both	thepsin B acid seq hepsin B æs, rhoda arginine	substrate is compris uence, arginine-argin . When bi-substituted amine110 is nonfluore (R) amide linkage site	ed of rhodamine 110 ine (RR), which is the via amide linkage to two escent. Following es, the mono and		
	derived from testing w communications from information. For gener rad-antibodies.com/pre Flow Cytometry Immunofluorescence Where this product has necessarily exclude its a guide only. It is reco system using appropri Fluorophore Rhodamine110-(RR)2 Green Cathepsin B k activity over time in vit non-cytotoxic and mer active cathepsin enzyr Rhodamine 110 Cather rhodamine 110. Rhoda coupled to two copies preferential target seq cathepsin B target per enzymatic cleavage at non-substituted rhoda	derived from testing within our labor communications from the originator information. For general protocolsrad-antibodies.com/protocols.YesFlow Cytometry•Immunofluorescence•Where this product has not been te necessarily exclude its use in such a guide only. It is recommended that system using appropriate negative/FluorophoreExcitation M S25Green Cathepsin B Kit enables th activity over time in vitro. The Rhod non-cytotoxic and membrane permatic active cathepsin enzymes.Rhodamine 110 Cathepsin B substr rhodamine 110. Rhodamine 110 cat coupled to two copies of the amino preferential target sequence for cat cathepsin B target peptide sequence enzymatic cleavage at one or both non-substituted rhodamine 110 fluo	derived from testing within our laboratories, information. For general protocol recomment rad-antibodies.com/protocols.YesNoFlow Cytometry•Immunofluorescence•Where this product has not been tested for unecessarily exclude its use in such procedur a guide only. It is recommended that the use system using appropriate negative/positive ofFluorophoreExcitation Max (nm) 525Green Cathepsin B Kit enables the quantita activity over time in vitro. The Rhodamine 110 non-cytotoxic and membrane permeant subs active cathepsin enzymes.Rhodamine 110 coupled to two copies of the amino acid seq preferential target sequence for cathepsin B cathepsin B target peptide sequences, rhoda enzymatic cleavage at one or both arginine in non-substituted rhodamine 110 fluorophores	derived from testing within our laboratories, peer-reviewed publical communications from the originators. Please refer to references in information. For general protocol recommendations, please visit yrad-antibodies.com/protocols. Yes No Not Determined Flow Cytometry • Immunofluorescence • Where this product has not been tested for use in a particular technecessarily exclude its use in such procedures. Suggested workin a guide only. It is recommended that the user titrates the product system using appropriate negative/positive controls. Fluorophore Excitation Max (nm) Rhodamine110-(RR)2 525 525 535 Green Cathepsin B Kit enables the quantitation and monitoring a activity over time in vitro. The Rhodamine 110 Cathepsin B substrate that fluoresces active cathepsin enzymes. Rhodamine 110 Cathepsin B substrate utilizes the photostable gre rhodamine 110. Rhodamine 110 cathepsin B substrate is compris coupled to two copies of the amino acid sequence, arginine-argin preferential target sequence for cathepsin B. When bi-substituted cathepsin B target peptide sequences, rhodamine110 is nonfluore enzymatic cleavage at one or both arginine (R) amide linkage site non-substituted rhodamine 110 fluorophores generate green fluor		

To use the Green Cathepsin B Assay, simply add the Rhodamine 110 Cathepsin B

	intracellular location o		tivity. Positiv	ative abundance and ve cells will fluoresce green, nd green fluorescence. There is	
	no interference from p experimental conditior	ro-cathepsins forms of the stimulates cathepsin ac	e enzymes. tivity, cells c	-	
Reagents In The Kit	1 vial of Rhodamine11 10X Cellular Assay Bu Hoechst Stain, 1 ml	0-(RR) ₂ substrate - lyopl Iffer, 15 ml	nilized		
Instructions For Use	Instructions for use can be found at https://www.bio-rad-antibodies.com/static/uploads/lifu/ict9151-2.pdf				
Storage	each unopened comp label. Store the Rhoda use the Rhodamine11	onent) according to the s amine110-(RR) ₂ substrate	torage instru e at -20ºC. (liately or alio	Store the unopened kit (and uctions on each component Dnce reconstituted in DMSO, quot and store at -20 ^o C for 6 thawing	
Guarantee	Guaranteed until date	of expiry. Please see pro	duct label.		
Health And Safety Information	-	iffer (20429)		#10476 available at:	
Regulatory	For research purposes	s only			

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