1/1/24, 12:02 PM Revision 1

elF4G (C45A4) Rabbit mAb							
Store				Orders:	877-616-CELL (235 orders@cellsignal.co		
OD OD				Support:	877-678-TECH (832		
² 2469				Web:	info@cellsignal.co cellsignal.co		
	ar Use in Disgnastic Press	dunco	3 Trask La	nne Danvers Mas	ssachusetts 01923 US		
Applications: Rea	or Use in Diagnostic Proce ctivity: Sensitivity: 1 R Mk Endogenous	MW (kDa): 220	Source/Isotype: Rabbit	UniProt ID: #Q04637	Entrez-Gene ld: 1981		
Product Usage	Application				Dilution		
Information	Western Blotting				1:1000		
	Immunohistochemistry (Paraffin)			1:800		
	Immunofluorescence (In		nistry)		1:200		
	Flow Cytometry (Fixed/F	-	mou y <i>j</i>		1:400		
Storage		m HEPES (pH	7.5), 150 mM NaCl, 100 µ o not aliguot the antibody.				
Specificity / Sensitivity			ogenous levels of total el				
Source / Purification	eIF4G (C45A4) Rabbit m residues surrounding Gly		by immunizing rabbits wi eIF4G.	ith a synthetic pepti	de corresponding to		
	with eIF4E to stimulate th and eIF4A and serves as internal ribosomal entry s eIF4G1 (eIF4GI), eIF4G2 homologous sequence th	ne binding of ell an adaptor mo site (IRES)-med 2 (p97, DAP5 or nat provides for ap-dependent to	1,2). The amino-terminal F4E to the mRNA cap stru- lecule in the eIF4 comple iated initiation of translati NAT1), and eIF4G3 (eIF interaction with initiation f ranslation, while eIF4G2 p	ucture (3). eIF4G al xx (4). Moreover, ell on (5,6). The eIF4C 4GII) (7). These fac factors eIF3 and ell	so interacts with eIF3 F4G plays a role in 5 family includes ctors share a F4A. Both eIF4G1 and		
Background Reference		R.E. (1995) Gen 7) RNA 3, 1085 enberg, N. (199 1998) RNA 4, 8 6) EMBO J. 15 n, K.M. (1997) al. (2002) Proc.	i-1104. 97) J. Biol. Chem. 272, 21 928-836. , 1371-1382. Virology 237, 129-136. Natl. Acad. Sci. USA 99,				
Species Reactivity	Species reactivity is deter	mined by testin	g in at least one approved	d application (e.g., v	western blot).		
Western Blot Buffer	IMPORTANT: For western 0.1% Tween® 20 at 4°C v		•	orimary antibody in	5% w/v BSA, 1X TBS,		
Applications Key	WB: Western Blotting IH IF-IC: Immunofluorescen		,	Cytometry (Fixed/F	Permeabilized)		
Cross-Reactivity Key		 H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected 					
	•	B: bovine Dg: d	Mk: monkey Vir: virus M og Pg: pig Sc: S. cerevis		÷		
Trademarks and Patents	•	3: bovine Dg : d bit All: all speci is a trademark I trademark of L	Mk: monkey Vir: virus M og Pg: pig Sc: S. cerevis es expected of Cell Signaling Technol ife Technologies Corpora	iae Ce: C. elegans logy, Inc. ttion.	÷		

eIF4G (C45A4) Rabbit mAb (#2469) Datasheet Without Images Cell Signaling Technology

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