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e at -20C	S100B (D10G6) Rabbit mAb		Cell Signaling	
Stor		Orders:	877-616-CELL (2355) orders@cellsignal.com	
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For Research Use Onl	v Not for Use in	Diagnostic Procedures.
FUI NESCAICH USE UNI		Diagnostic Frocedures.

Applications: R WB	eactivity: H M R	Sensitivity: Endogenous	MW (kDa): 10	Source/Isotype: Rabbit IgG	UniProt ID: #P04271	Entrez-Gene Id: 6285	
Product Usage Information		cation ern Blotting			Dilution 1:1000		
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliguot the antibody.					
Specificity / Sensitivi	ty S100B	S100B (D10G6) Rabbit mAb recognizes endogenous levels of total S100B protein.					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the amino terminus of human S100B protein.					
Background	variety differen filaggrir family. instabil protein tissue t Each S divalen heteroo indepen tissue o partner intracel	of cellular proces ntiation. To date, 2 n, repetin, S100P, Interestingly, 14 S ity. Research stud expression and c ypes but are also 100 monomer be t cation in some i dimers that coordi ndent) manner. Al distribution, are lo s, which suggests	ses, such as cel 5 members have and S100Z, ma 5100 genes are of dies have demor cancer progression involved in neur hars two EF-hand nstances). Struct nate binding par though structura icalized in specifi s that each plays 5100 proteins ha	Da) and uncomplicated I growth and motility, cel e been identified, includ king it the largest group clustered on human chro istrated that significant of on. S100 proteins prima ronal development (1-4) I motifs and can bind up tural evidence shows th ther proximity in a calciu ally and functionally simili ic cellular compartments a specific role in variou ve been shown to act as es (1-4).	Il cycle progression, tr ing S100A1-S100A18 in the EF-hand, calciu prosome 1q21, a regi correlation exists betw rily mediate immune r to two molecules of c at S100 proteins form um-dependent (and sc lar, individual member s, and display unique p is signaling pathways.	anscription, and , trichohyalin, um-binding protein on of genomic een aberrant S100 esponses in various alcium (or other antiparallel homo- or ometimes calcium- s show restricted protein binding In addition to an	
Background Referen	the mai are cho ces 1. Heizi 2. Dona 3. Mare 4. Santa	mmalian CNS. Si ondroitin sulfate p mann, C.W. et al. ato, R. (2003) <i>Mic</i> enholz, I. et al. (20	LOOB is also exp roteoglycan (NG (2002) Front Bio rosc Res Tech 6 004) Biochem Bio et al. (2006) Bioc	osci 7, d1356-68. 50, 540-51. ophys Res Commun 32: chem J 396, 201-14.	mature myelinating ol		
Species Reactivity	Species	reactivity is deter	rmined by testing	g in at least one approve	ed application (e.g., we	estern blot).	
Western Blot Buffer		FANT: For western veen® 20 at 4°C v	,	membrane with diluted ng, overnight.	primary antibody in 59	% w/v BSA, 1X TBS,	
Applications Key	WB: W	estern Blotting					
Cross-Reactivity Key	X: Xeno		B: bovine Dg: do	Mk: monkey Vir: virus N og Pg: pig Sc: S. cerevi es expected		÷	

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Limited Uses

S100B (D10G6) Rabbit mAb (#9550) Datasheet Without Images Cell Signaling Technology

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