

Store at
-20C
#17275**MSR1 (D8K4E) Rabbit mAb**

Orders: 877-616-CELL (2355)
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Web: info@cellsignal.com
cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

For Research Use Only. Not for Use in Diagnostic Procedures.

Applications:	Reactivity:	Sensitivity:	MW (kDa):	Source/Isotype:	UniProt ID:	Entrez-Gene Id:
W	H	Endogenous	70-90	Rabbit IgG	#P21757	4481
Product Usage Information	Application		Dilution			
	Western Blotting		1:1000			
Storage	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody.					
Specificity/Sensitivity	MSR1 (D8K4E) Rabbit mAb recognizes endogenous levels of total MSR1 protein.					
Source / Purification	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Leu319 of human MSR1 protein.					
Background	Macrophage Scavenger receptor types I and II (MSR1, also known as SCARA1) are members of the class A macrophage scavenger receptor family. These proteins bind large quantities of modified lipoproteins and promote endocytosis. Upregulation of MSR1 in infiltrating myeloid cells may mediate clearance of specific damage signals in response to tissue injury, including ischemic stroke (1). MSR1 germline mutations are also associated with increased prostate cancer susceptibility in some patient cohorts (2). MSR1 is observed to be upregulated in differentiated THP-1 cells (3).					
Background References	<ol style="list-style-type: none"> 1. Shichita, T. et al. (2017) <i>Nat Med</i> 23, 723-32. 2. Miller, D.C. et al. (2003) <i>Cancer Res</i> 63, 3486-9. 3. Chen, Y. et al. (2011) <i>Blood</i> 118, 390-400. 					

Species Reactivity	Species reactivity is determined by testing in at least one approved application (e.g., western blot).
Western Blot Buffer	IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween@ 20 at 4°C with gentle shaking, overnight.
Applications Key	W: Western Blotting
Cross-Reactivity Key	H: Human
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