3/23/24, 10:43 AM Revision 1

at -	NLRP3 (D2P5E) Rabbit mAb		Cell Signaling		
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com		
58		Support	877-678-TECH (8324)		
#13158		Web:	info@cellsignal.com cellsignal.com		
		3 Trask Lane Danver	s Massachusetts 01923 USA		

For Research Lise Only	/ Not for Use i	n Diagnostic Procedures.
FUI RESEAICH USE UNI	. NULIULUSE II	II Diagnostic Frocedures.

Applications: WB, IP	Reactivity: H	Sensitivity: Endogenous	<b>MW (kDa):</b> 85,110	Source/Isotype: Rabbit IgG	UniProt ID: #Q96P20	Entrez-Gene Id: 114548		
Product Usage Information	W	pplication /estern Blotting nmunoprecipitation			<b>Dilution</b> 1:1000 1:100			
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		NLRP3 (D2P5E) Rabbit mAb recognizes endogenous levels of total NLRP3 protein.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro92 of human NLRP3 protein.						
Background Background References		nily of cytoplasmic in minal effector domain rin domain (PYD), fol rolved in recognition of riety of roles during th binflammatory cytokin mation of inflammaso .RP3 is an inflammaso . The NLRP3 inflamm muli, and therefore it	nate immune rec n, which is often e lowed by a NACH of pathogen-asso ne innate immune thes through NF-k omes leading to a come-forming NLI nasome is assem is unlikely the NL dritic cells, monod ) <i>Immunity</i> 34, 60 39 J <i>Biol Chem</i> 27 39 <i>Natol Chem</i> 27 30 <i>Nat</i>	274, 14560-7. 6, 4812-8. 10, 1073-80. 30, 213-8. 319-25. 417-26. 13, 325-32.	terized by the presence on and recruitment do terminal leucine-rich-r ins (PAMPs) (1). NLR p thogen sensing, transce tion of type I interferon y caspases (1-7). e-1 leading to maturati ide variety of microbia vith its activators (8). N	ee of an amino- main (CARD) or a repeats (LRR) proteins play a criptional activation of s through IRFs, and on of IL-1β and IL-18 I and endogenous		
Species Reactivity		ecies reactivity is dete	ermined by testing	g in at least one approve	ed application (e.g., we	estern blot).		
Western Blot Buffer				s, incubate membrane with diluted primary antibody in 5% w/v nonfat dry ) at 4°C with gentle shaking, overnight.				
Applications Key		B: Western Blotting IF	P: Immunoprecipi	tation				
Cross-Reactivity Key		human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse P: Guinea Pig Rab: rabbit All: all species expected						
Trademarks and Patents		is a registered trader	Technology is a trademark of Cell Signaling Technology, Inc. red trademark of Cell Signaling Technology, Inc. narks are the property of their respective owners. Visit cellsignal.com/trademarks for more					

## NLRP3 (D2P5E) Rabbit mAb (#13158) Datasheet Without Images Cell Signaling Technology

Except as otherwise expressly agreed in a writing signed by a legally authorized representative of CST, the following terms apply to Products provided by CST, its affiliates or its distributors. Any Customer's terms and conditions that are in addition to, or different from, those contained herein, unless separately accepted in writing by a legally authorized representative of CST, are rejected and are of no force or effect.

Products are labeled with For Research Use Only or a similar labeling statement and have not been approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, for any purpose. Customer shall not use any Product for any diagnostic or therapeutic purpose, or otherwise in any manner that conflicts with its labeling statement. Products sold or licensed by CST are provided for Customer as the end-user and solely for research and development uses. Any use of Product for diagnostic, prophylactic or therapeutic purposes, or any purchase of Product for resale (alone or as a component) or other commercial purpose, requires a separate license from CST. Customer shall (a) not sell, license, loan, donate or otherwise transfer or make available any Product to any third party, whether alone or in combination with other materials, or use the Products to manufacture any commercial products, (b) not copy, modify, reverse engineer, decompile, disassemble or otherwise attempt to discover the underlying structure or technology of the Products, or use the Products for the purpose of developing any products or services that would compete with CST products or services, (c) not alter or remove from the Products any trademarks, trade names, logos, patent or copyright notices or markings, (d) use the Products solely in accordance with CST Product Terms of Sale and any applicable documentation, and (e) comply with any license, terms of service or similar agreement with respect to any third party products or services used by Customer in connection with the Products.