Revision 1				
ថ្កី JDO (D7Z7U) Rabbit mAb		ell Signaling		
	Orders:	877-616-CELL (2355) orders@cellsignal.com		
2	Support:	877-678-TECH (8324)		
#68572	Web:	info@cellsignal.com cellsignal.com		
3 Trask Lane Danvers Massachusetts				

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Applications: W, IP, FC-FP	Reactivity: M	Sensitivity: Endogenous	MW (kDa): 43	Source/Isotype: Rabbit IgG	UniProt ID: #P28776	Entrez-Gene Io 15930		
Product Usage		Application				Dilution		
Information	Western Blotting				1:1000			
		Immunoprecipitatior	ו			1:100		
		Flow Cytometry (Fixe	d/Permeabilized)			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		IDO (D7Z7U) Rabbit mAb recognizes endogenous levels of total IDO protein. This antibody does not cross-react with mouse IDO2.						
Source / Purification Monoclona			is produced by imm	unizing animals with re	combinant mouse	IDO protein.		
Background		limiting step of trypto tumor-draining lympl starvation of T cells, l immunosuppresive n mechanism of cancer found to act, in part, induction of apoptosi shown to have signal	ophan degradation (h nodes. Elevated try imiting T cell prolifer nolecule, and resear r immune evasion (3; by reducing IDO exp is in regulatory T cell ing capability throug d by Fyn in response	e (IDO) is an IFN-γ-induc 1). IDO is upregulated ir yptophan catabolism in ation and activation (2). ch studies have shown t . The gastrointestinal st ression, resulting in inc s (4). In addition to its e gh an immunoreceptor t a to TGF-β. This leads to	n many tumors and these cells leads to Therefore, IDO is hat upregulation of gromal tumor drug reased CD8 ⁺ T cell nzymatic activity, gyrosine-based inh	d in dendritic cells ir o tryptophan considered an of IDO is a I, imatinib, was activation and IDO was recently ibitory motif (ITIM)		
Background Refe		 Yasui, H. et al. (198 Mellor, A.L. et al. (2 Prendergast, G.C. (Balachandran, V.P. Pallotta, M.T. et al. 	003) Adv Exp Med Bi 2008) Oncogene 27, et al. (2011) Nat Med	o/ 527, 27-35. 3889-900. d 17, 1094-100.				
Species Reactivity	/	Species reactivity is d	etermined by testing	g in at least one approve	ed application (e.g	., western blot).		
Western Blot Buf	fer	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 I	IP: Immunoprecipita	tion FC-FP: Flow Cytom	etry (Fixed/Permea	abilized)		
Cross-Reactivity k	(ey	M: Mouse						
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