

IL-13RA2/CD213a2 (E7U7B) Rabbit mAb



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Applications: W, IP, IHC-Bond, IHC-P, FC-L	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 55, 65	Source/Isotype: Rabbit IgG	UniProt ID: #Q14627	Entrez-Gene Id: 3598
Product Usage Information		Application Western Blotting Immunoprecipitation IHC Leica Bond Immunohistochemist Flow Cytometry (Live)	ry (Paraffin)		Dilution 1:1000 1:50 1:50 - 1:2 1:100 - 1:	
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		For a carrier free (BSA and azide free) version of this product see product #68588. IL-13RA2/CD213a2 (E7U7B) Rabbit mAb recognizes endogenous levels of total IL-13RA2/CD213a2 protein. This antibody does not cross-react with IL-13RA1 protein.				
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the amino terminus of human IL-13RA2/CD213a2 protein.				
Background		largely restricted to in placenta. Although mo of gene expression, th (1,2). As such, CTAs ha based approaches to: IL-13 receptor alpha-2 component of the IL-2 signaling by serving a contexts (4,5). Some s	nmune privileged gost normal somatic neir expression is up we garnered much selectively attack tu ! (IL-13RA2/CD213a l/IL-13 receptor sys s a high affinity dec tudies, however, ha	of more than 100 prote erm cells of the testis, or tissues are void of CTA of pregulated in a wide vari attention as attractive to mors (3). 2) is a type-I monomericatem. Research studies has coy receptor for IL-13, but we suggested that signates tumor immune evas	vary, and trophobla expression, due to e iety of human solid argets for a variety transmembrane g ave shown that IL-1 at not IL-4, in a varie ling through IL-13R	est cells of the epigenetic silencing and liquid tumors of immunotherapy-lycoprotein and 3RA2 controls IL-13 ety of cellular A2 expressed on
		receptor as a potentia research studies have	lly novel therapeut shown that IL-13R/	ression pattern in norma ic target for multiple typ A2 is highly over express RA2-directed immunoth	es of solid tumors (sed in glioblastoma:	8-10). Indeed, s (11), which has
Background Ref	erences	2. De Smet, C. et al. (1 3. Gjerstorff, M.F. et al 4. Yoshikawa, M. et al. 5. Bernard, J. et al. (20 6. Fichtner-Feigl, S. et 7. Fichtner-Feigl, S. et 8. Debinski, W. and Gi 9. Taguchi, A. et al. (20 10. Beard, R.E. et al. (21 11. Jarboe, J.S. et al. (21 12. Brown, C.E. et al. (31 13. Brown, C.E. et al. (31	, O.L. and Chen, Y.T. (2009) Cancer Sci 100, 2014-21. C. et al. (1999) Mol Cell Biol 19, 7327-35. G. M.F. et al. (2015) Oncotarget 6, 15772-87. a, M. et al. (2003) Biochem Biophys Res Commun 312, 1248-55. J. et al. (2001) Lab Invest 81, 1223-31. Feigl, S. et al. (2006) Nat Med 12, 99-106. Feigl, S. et al. (2008) Cancer Res 68, 3467-75. W. and Gibo, D.M. (2000) Mol Med 6, 440-9. A. et al. (2014) Cancer Res 74, 4694-705. J. E. et al. (2013) Clin Cancer Res 67, 7983-6. J. E. et al. (2015) Clin Cancer Res 21, 4062-72. J. E. et al. (2012) Clin Cancer Res 18, 2199-209. J. et al. (2008) Cancer Biother Radiopharm 23, 581-9.			

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 IP: Immunoprecipitation IHC-Bond: IHC Leica Bond IHC-P: Immunohistochemistry

(Paraffin) FC-L: Flow Cytometry (Live)

Cross-Reactivity Key H: Human

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