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## IL-13RA2/CD213a2 (E7U7B) Rabbit mAb (Alexa Fluor® 488 Conjugate)

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

<b>Applications:</b> FC-L	<b>Reactivity:</b> H	<b>Sensitivity:</b> Endogenous	<b>Source/Isotype:</b> Rabbit IgG	<b>UniProt ID:</b> #Q14627	<b>Entrez-Gene Id:</b> 3598
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Product Usage Information	Application	Dilution
	Flow Cytometry (Live)	1:50
<b>Storage</b>	Supplied in PBS (pH 7.2), less than 0.1% sodium azide and 2 mg/ml BSA. Store at 4°C. <i>Do not aliquot the antibody. Protect from light. Do not freeze.</i>	
<b>Specificity/Sensitivity</b>	IL-13RA2/CD213a2 (E7U7B) Rabbit mAb (Alexa Fluor® 488 Conjugate) recognizes endogenous levels of total IL-13RA2/CD213a2 protein. This antibody does not cross-react with IL-13RA1 protein.	
<b>Source / Purification</b>	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the amino terminus of human IL-13RA2/CD213a2 protein.	
<b>Description</b>	This Cell Signaling Technology antibody is conjugated to Alexa Fluor® 488 fluorescent dye and tested in-house for direct flow cytometric analysis in human cells. This antibody is expected to exhibit the same species cross-reactivity as the unconjugated IL-13RA2/CD213a2 (E7U7B) Rabbit mAb #85677.	
<b>Background</b>	Cancer/testis antigens (CTAs) are a family of more than 100 proteins whose normal expression is largely restricted to immune privileged germ cells of the testis, ovary, and trophoblast cells of the placenta. Although most normal somatic tissues are void of CTA expression, due to epigenetic silencing of gene expression, their expression is upregulated in a wide variety of human solid and liquid tumors (1,2). As such, CTAs have garnered much attention as attractive targets for a variety of immunotherapy-based approaches to selectively attack tumors (3).	
<b>Background References</b>	<ol style="list-style-type: none"> <li>1. Caballero, O.L. and Chen, Y.T. (2009) <i>Cancer Sci</i> 100, 2014-21.</li> <li>2. De Smet, C. et al. (1999) <i>Mol Cell Biol</i> 19, 7327-35.</li> <li>3. Gjerstorff, M.F. et al. (2015) <i>Oncotarget</i> 6, 15772-87.</li> </ol>	

<b>Species Reactivity</b>	Species reactivity is determined by testing in at least one approved application (e.g., western blot).
<b>Applications Key</b>	<b>FC-L:</b> Flow Cytometry (Live)
<b>Cross-Reactivity Key</b>	<b>H:</b> Human
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