

### 30-1520: Anti-R-Ras2 / TC21 Monoclonal Antibody (Clone:EM-50)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	EM-50
<b>Application :</b>	FACS, WB, ELISA
<b>Reactivity :</b>	Human
<b>Gene :</b>	RRAS2
<b>Gene ID :</b>	22800
<b>Uniprot ID :</b>	P62070
<b>Format :</b>	Purified
<b>Alternative Name :</b>	RRAS2,TC21
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Human TC21

#### Description

R-Ras2 / TC21 is the only member of R-Ras family of small GTPases that shows transforming activities similar to H-Ras, N-Ras, and K-Ras, and it is also structurally similar to them. R-Ras2 seems to play an important role in activating signal transduction pathways that control cell proliferation. Its mutations are associated with the growth of certain tumors, but also overexpression of the wild type form of R-Ras2 has been frequently detected in various carcinomas. Pseudogenes of R-Ras2 gene are found on chromosomes 1 and 2. Alternate splicing results in multiple transcript variants.

#### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

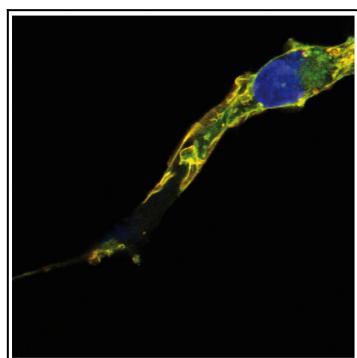


Figure 1: Colocalization of R-Ras2/TC21 signal (red) and GFP signal (green) in COS cells transfected with R-Ras2/TC21-GFP construct, after fixation and permeabilization. R-Ras2/TC21 was detected using monoclonal antibody EM-50, purified.