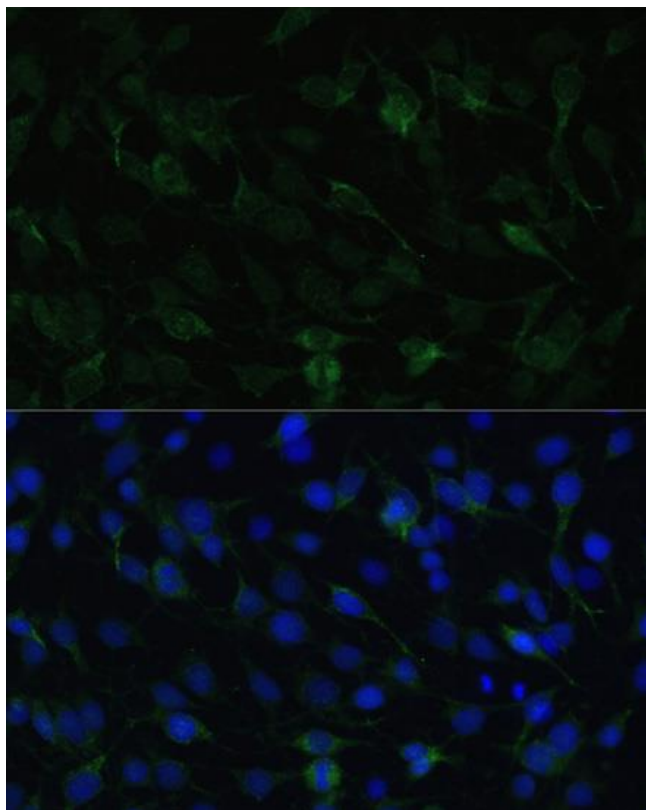


Product name:	Substance P
Cat number:	AB-84379
Conjugate:	Unconjugated
Size:	100ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-129 of human TAC1.
Reactivity:	Hu, Rt
Applications:	Immunofluorescence: 1:50 - 1:200
Molecular Weight:	11kDa/13kDa/15kDa
Purification:	Aff. Pur.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Background:	This gene encodes four products of the tachykinin peptide hormone family, substance P and neurokinin A, as well as the related peptides, neuropeptide K and neuropeptide gamma. These hormones are thought to function as neurotransmitters which interact with nerve receptors and smooth muscle cells. They are known to induce behavioral responses and function as vasodilators and secretagogues. Substance P is an antimicrobial peptide with antibacterial and antifungal properties. Multiple transcript variants encoding different isoforms have been found for this gene.



Immunofluorescence analysis of C6 cells using TAC1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.