

## Datasheet

### TACR1 monoclonal antibody (M10), clone 1F7

**Catalog Number:** H00006869-M10

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant TACR1.

**Clone Name:** 1F7

**Immunogen:** TACR1 (NP\_001049, 140 a.a. ~ 243 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

PRLSATATKVVICVIWVLALLAFPGGYSTTETMPSRV  
VCMIEWPEHPNKIYEKVYHICVTVLIYFLPLLIGYAYTV  
VGITLWASEIPGDSSDRYHEQVSAK

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, S-ELISA

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG2a Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 6869

**Gene Symbol:** TACR1

**Gene Alias:** NK1R, NKIR, SPR, TAC1R

**Gene Summary:** This gene belongs to a gene family of tachykinin receptors. These tachykinin receptors are characterized by interactions with G proteins and contain seven hydrophobic transmembrane regions. This gene

encodes the receptor for the tachykinin substance P, also referred to as neurokinin 1. The encoded protein is also involved in the mediation of phosphatidylinositol metabolism of substance P. [provided by RefSeq]