

Product datasheet for **TA420147**

TNFRSF12A Mouse Monoclonal Antibody [Clone ID: ITEM-4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	ITEM-4
Applications:	FC, IHC, WB
Reactivity:	Rat, Mouse
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human CD266 transfected P815 cells.
Specificity:	CD266
Formulation:	Phosphate buffered saline containing 0.09% Sodium Azide (NaN ₃) Label: ALEXA FLUOR [®] 488,ALEXA FLUOR [®] 647,FITC,Low Endotoxin,Purified,RPE State: Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant Purified IgG - liquid
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	+4°C, -20°C if preferred
Stability:	Shelf life: one year from despatch.
Gene Name:	tumor necrosis factor receptor superfamily member 12A
Database Link:	Q9NP84



Background:

Mouse anti Human CD266 antibody, clone ITEM-4 recognizes human tumor necrosis factor receptor superfamily member 12A, also known as CD266, Fibroblast growth factor-inducible immediate-early response protein 14 or Tweak-receptor. CD266 is a 102 amino acid ~14 kDa type I transmembrane glycoprotein and member of the tumour necrosis factor receptor superfamily (TNFRSF12A) expressed by a variety of tissues, including the heart, lung and kidney, and at elevated levels by human brain and liver tumors. The interaction between CD266 and its ligand CD255 (TWEAK), induces the proliferation and migration of endothelial cells and also angiogenesis, and CD255-induced apoptosis of some tumor cell lines is mediated by CD266 (Nakayama et al. 2003). Mouse anti Human CD266 antibody, clone ITEM-4 is cross-reactive with mouse CD266, and also with Rat-1 fibroblastoid cells in flow cytometry.

Synonyms:

TWEAK-R