

Product datasheet for **AM01048PU-S**

TNFSF4 Mouse Monoclonal Antibody [Clone ID: 7D6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	7D6
Applications:	FC, WB
Recommended Dilution:	Flow Cytometry. Western Blot: 1.0 ug/ml; the antibody detects a band of approximately 43 kDa.
Reactivity:	Feline
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	CHO-derived feline CD134-Fc fusion protein. Spleen cells from immunised Balb/c mice were fused with cells of the NSO mouse myeloma cell line.
Specificity:	This antibody recognises feline CD134, otherwise known as OX40, a 43kDa type I membrane protein and member of the tumor necrosis factor receptor superfamily.
Formulation:	PBS containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	A0S0B2



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Background:

This antigen is expressed predominantly by CD4+ activated T cells, and a key regulator of T cell-dependent immune responses. CD134 has been identified as the receptor for the OX40 ligand, CD252, expressed by activated B cells, acting as a co-stimulatory signal for the stimulation and secretion of immunoglobulins. CD134 has also been identified as a binding receptor for Feline Immunodeficiency Virus (FIV), acting along with CXC chemokine receptor 4 (CXCR4) to facilitate the entry of the virus into CD4+ primary target cells.

Synonyms:

TNFRSF4, TXGP1L, ACT35 antigen, OX40L receptor