Anti-Human TNFRSF8 (#5K28)

20150720BB

FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	**101-M668**
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant protein of TNFSF8 (also called CD30) extracellular domain.

Target Background

Synonyms (Target):	TNFRSF8; CD30; Ki-1; D1S166E

CD30/TNFRSF8 is a type I transmembrane glycoprotein belonging to the TNF receptor superfamily. The ligand for CD30 is CD30 Ligand/TNFSF8 (CD153), a member of the TNF superfamily. CD30 ligation by CD30 Ligand mediates pleiotropic effects, including cell proliferation, activation, differentiation and apoptosis.

Database References Target

Protein RefSeq:	NP_001234.2
Uniprot ID:	P28908
mRNA RefSeq:	NM_001243.3

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#5K28)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	recombinant human TNFRSF8 EC domain
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human TNFRSF8.

AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

The antibody can be used within the following applications:

WB, FC, Stimulation, IHC (P)

Recommended usage:

Flow cytometry: 1:20 - 1:100

WB: Use at 1:500-1000

CD30 activation: Yes

IHC (Paraffin): Yes

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!

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Application/Handling

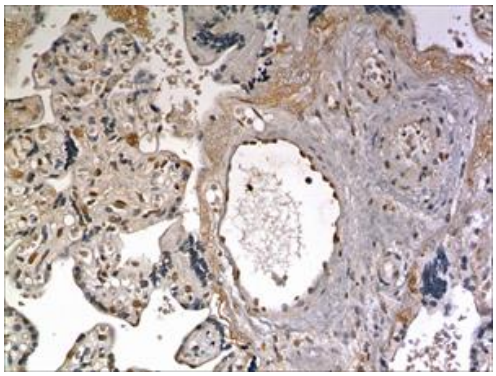

Fig. 1: A 10% Buffer formalin fixed and paraffin embedded human placental tissue section (4um) is subjected to IHC staining using a mouse anti-human TNFRSF8 monoclonal antibody. Tissue section was pretreated in citric buffer (ph6.0) with microwave for antigen retrieval before IHC is applied.