



20150720BB

Anti-Human TNFRSF14 (#5S1)**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M657
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 TNFRSF14 extracellular domain (also called HVEM).

Target Background

Synonyms (Target):	TNFRSF14; TR2; ATAR; HVEA; HVEM; CD270; LIGHTR
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Herpesvirus entry mediator (HVEM), also referred to as TNFRSF14, TR2 (TNF receptor-like molecule) and ATAR (another TRAF-associated receptor), is a type I transmembrane protein belonging to the TNF receptor superfamily. HVEM expression has been detected in peripheral blood Tcells, B cells, monocytes and in various tissues enriched in lymphoid cells.

Database References Target

Protein RefSeq:	NP_003811.2
Uniprot ID:	Q92956
mRNA RefSeq:	NM_003820.2

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#5S1)
Isotype	IgG1
Purification	Protein G chromatography
Antigen	recombinant human TNFRSF14 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 TNFRSF14.

**AVOID REPEATED FREEZE AND THAW CYCLES!****Applications**

The antibody can be used within the following applications:

WB, IHC (P)

Recommended usage:

Western Blot: 1:500 - 1:1000

IHC (Paraffin): 1:20 - 1:100

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



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Application/Handling

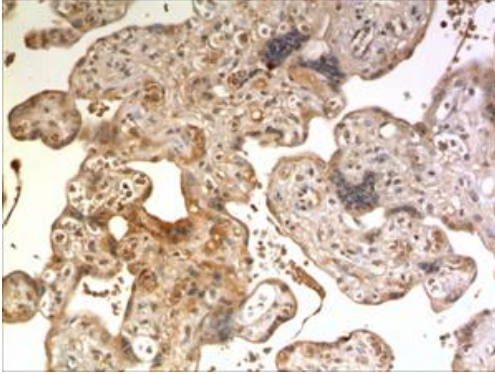


Fig. 1: A 10% Buffer formalin fixed and paraffin embedded human placental tissue section (4µm) is subjected to IHC staining using a mouse anti-human TNFRSF14 monoclonal antibody. Tissue section was pretreated in citric buffer (ph6.0) with microwave for antigen retrieval before IHC is applied.