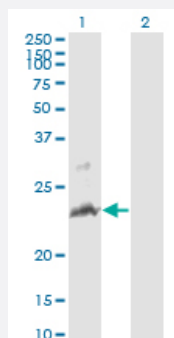


TNFSF14 monoclonal antibody (M01), clone 4E3

Catalog # H00008740-M01

Size 50 ug

Applications

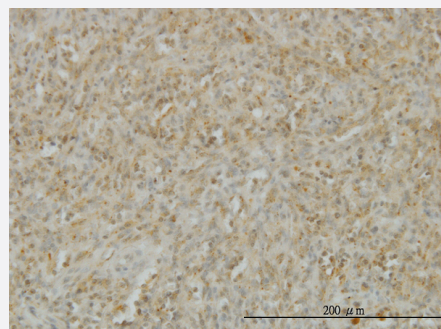


Western Blot (Transfected lysate)

Western Blot analysis of TNFSF14 expression in transfected 293T cell line by TNFSF14 monoclonal antibody (M01), clone 4E3.

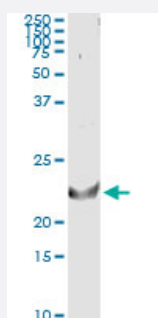
Lane 1: TNFSF14 transfected lysate(22.4 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to TNFSF14 on formalin-fixed paraffin-embedded human spleen. [antibody concentration 3 ug/ml]

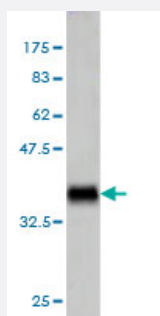
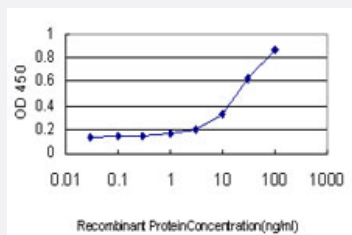


Immunoprecipitation

Immunoprecipitation of TNFSF14 transfected lysate using anti-TNFSF14 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with TNFSF14 MaxPab rabbit polyclonal antibody.

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TNFSF14 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TNFSF14.
Immunogen	TNFSF14 (AAH18058, 61 a.a. ~ 170 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LHWRLGEMVTRLPGPAGSWEQLIQERRSHEVNPA AHLTGANSSLTGSGGPLLWETQLGVAFL RGLSYHDGALVVT KAGYYYISKVQLGGVGCPLGLASTITHGLYKRT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (66); Rat (68)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of TNFSF14 expression in transfected 293T cell line by TNFSF14 monoclonal antibody (M01), clone 4E3.

Lane 1: TNFSF14 transfected lysate(22.4 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to TNFSF14 on formalin-fixed paraffin-embedded human spleen. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of TNFSF14 transfected lysate using anti-TNFSF14 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with TNFSF14 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TNFSF14 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TNFSF14

Entrez GeneID	8740
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GeneBank Accession#	BC018058
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Protein Accession#	AAH18058
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Gene Name	TNFSF14
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Gene Alias	CD258, HVEM, LIGHT, LTg, TR2
Gene Description	tumor necrosis factor (ligand) superfamily, member 14
Omim ID	604520
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF14, which is a member of the tumor necrosis factor receptor superfamily, and which is also known as a herpesvirus entry mediator (HVEM). This protein may function as a costimulatory factor for the activation of lymphoid cells and as a deterrent to infection by herpesvirus. This protein has been shown to stimulate the proliferation of T cells, and trigger apoptosis of various tumor cells. This protein is also reported to prevent tumor necrosis factor alpha mediated apoptosis in primary hepatocyte. Two alternatively spliced transcript variant encoding distinct isoforms have been reported. [provided by RefSeq]
Other Designations	delta transmembrane LIGHT herpesvirus entry mediator A ligand for herpesvirus entry mediator tumor necrosis factor ligand superfamily, member 14 tumor necrosis factor receptor-like 2 tumor necrosis factor superfamily member LIGHT

Publication Reference

- [Abundant TNF-LIGHT expression in the airways of patients with asthma with persistent airflow limitation: Association with nitrative and inflammatory profiles.](#)

Tsunahiko Hirano, Kazuto Matsunaga, Keiji Oishi, Keiko Doi, Misa Harada, Junki Suizu, Keita Murakawa, Ayumi Chikamoto, Yuichi Ohteru, Kazuki Matsuda, Sho Uehara, Kazuki Hamada, Shuichiro Ohata, Yoriyuki Murata, Yoshikazu Yamaji, Maki Asami-Noyama, Nobutaka Edakuni.

Respiratory Investigation 2021 Sep; 59(5):651.

Application: ICC, IHC, Human, Human sputum

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Dementia](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)

- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Hyperparathyroidism](#)
- [Inflammation](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Narcolepsy](#)
- [Occupational Diseases](#)
- [Stroke](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)