


Anti-TNF Receptor I antibody ab223352

[4 References](#) [画像数 6](#)

製品の概要

製品名	Anti-TNF Receptor I antibody
製品の詳細	Rabbit polyclonal to TNF Receptor I
由来種	Rabbit
特異性	Detects ~55kDa. Other bands present may be the result of oligomerization, self-aggregation and/or cleavage of the TNF-R1 extracellular domain.
アプリケーション	適用あり: ICC/IF, WB, IHC-P
種交差性	交差種: Mouse, Human 交差が予測される動物種: Rat 
免疫原	Synthetic peptide corresponding to Mouse TNF Receptor I aa 1-100. Database link: P19438 Run BLAST with Run BLAST with
ポジティブ・コントロール	WB: Mouse liver lysate, Human A549 ICC/IF: HeLa (human epithelial cell line from cervix adenocarcinoma) and HaCaT (human keratinocyte cell line) cells. IHC: Mouse back skin.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.09% Sodium azide Constituents: 50% Glycerol, PBS
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル

アプリケーション

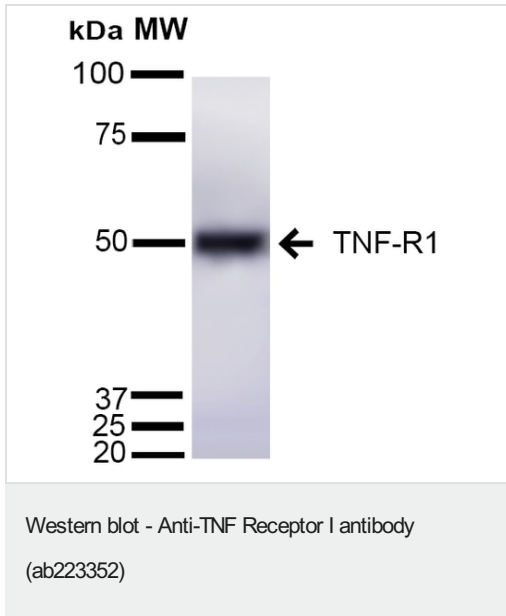
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab223352の使用に適用されず**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		1/100.
WB		1/1000. Predicted molecular weight: 50.5 kDa.
IHC-P		1/100.

ターゲット情報

機能	Receptor for TNFSF2/TNF-alpha and homotrimeric TNFSF1/lymphotoxin-alpha. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Contributes to the induction of non-cytocidal TNF effects including anti-viral state and activation of the acid sphingomyelinase.
関連疾患	Familial hibernian fever Multiple sclerosis 5
配列類似性	Contains 1 death domain. Contains 4 TNFR-Cys repeats.
ドメイン	The domain that induces A-SMASE is probably identical to the death domain. The N-SMASE activation domain (NSD) is both necessary and sufficient for activation of N-SMASE. Both the cytoplasmic membrane-proximal region and the C-terminal region containing the death domain are involved in the interaction with TRPC4AP.
翻訳後修飾	The soluble form is produced from the membrane form by proteolytic processing.
細胞内局在	Cell membrane. Golgi apparatus membrane. Secreted. A secreted form is produced through proteolytic processing and Secreted. Lacks a Golgi-retention motif, is not membrane bound and therefore is secreted.

画像



Anti-TNF Receptor I antibody (ab223352) at 1/1000 dilution + mouse liver lysate at 15 μ g

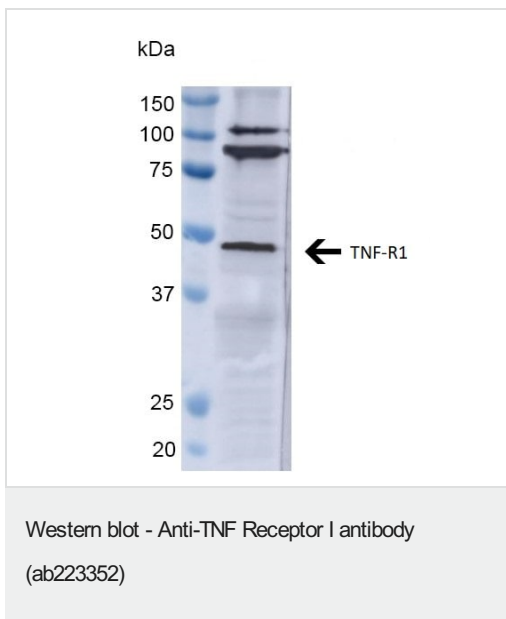
Secondary

Goat anti-rabbit IgG-HRP at 1/2000 dilution

Predicted band size: 50.5 kDa

Blocking: 5% skimmed milk in 1X TBST.

Primary incubation: 2 hours at room temperature



Anti-TNF Receptor I antibody (ab223352) at 1/1000 dilution + Human A549 at 30 μ g

Secondary

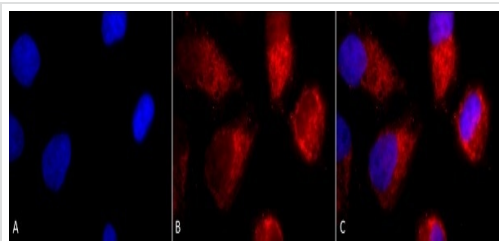
Goat Anti-Rabbit IgG HRP at 1/4000 dilution

Predicted band size: 50.5 kDa

Observed band size: 50 kDa

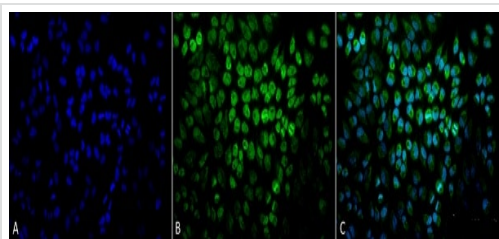
Blocking buffer: 5% BSA in TBST.

Other bands (~90-100kDa) can be explained by factors such as oligomerization, self-aggregation, cleavage of the TNFR1 extracellular domain, etc (Literature references: doi: 10.3389/fcell.2020.615141, 10.1128/MCB.22.8.2536-2543.2002, 10.1073/pnas.0307981100).



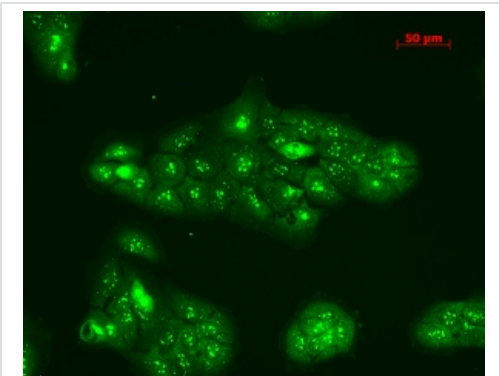
Immunocytochemistry/ Immunofluorescence - Anti-TNF Receptor I antibody (ab223352)

2% formaldehyde fixed HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for TNF Receptor I (red) using ab223352 at a dilution of 1/100 in ICC/IF (panel B). The secondary antibody is APC Goat Anti-Rabbit used at 1/200 dilution. The nuclear counter stain is DAPI (blue)(panel A). The merged images are shown in panel C.



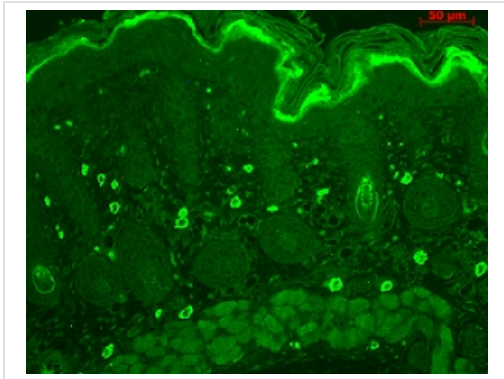
Immunocytochemistry/ Immunofluorescence - Anti-TNF Receptor I antibody (ab223352)

2% formaldehyde fixed HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for TNF Receptor I (green) using ab223352 at a dilution of 1/100 in ICC/IF (panel B). The secondary antibody is FITC Goat Anti-Rabbit used at 1/200 dilution. The nuclear counter stain is DAPI (blue)(panel A) used at 1/40,000 dilution. The merged images are shown in panel C.



Immunocytochemistry/ Immunofluorescence - Anti-TNF Receptor I antibody (ab223352)

Methanol-fixed HaCaT (human keratinocyte cell line) cells stained for TNF Receptor I (green) using ab223352 at a dilution of 1/100 in ICC/IF. The secondary antibody is FITC Goat Anti-Rabbit at a 1/50 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TNF Receptor I antibody (ab223352)

Sections of mouse back skin were stained for TNF Receptor I with ab223352 at a dilution of 1/100 in immunohistochemical analysis.

The secondary antibody was FITC Goat Anti-Rabbit (green) at a 1/50 dilution.

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