

Datasheet for ABIN563205 anti-TNF alpha antibody (AA 1-233)



[Go to Product page](#)

4 Images

1 Publication

Overview

Quantity:	100 µg
Target:	TNF alpha
Binding Specificity:	AA 1-233
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TNF alpha antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant TNF.
Immunogen:	TNF (AAH28148, 1 a.a. ~ 233 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MSTESMIRDV ELAEEALPKK TGGPQGSRRRC LFLSLFSFLI VAGATTLFCL LHFGVIGPQR EEFPRDLSLI SPLAQAVRSS SRTPSDKPVA HVVANPQAEG QLQWLNRRAN ALLANGVELR DNQLVVPSEG LYLIYSQVLF KGQGCPSTHV LLTHTISRIA VSYQTKVNLL SAIKSPCQRE TPEGAEAKPW YEPIYLGGVF QLEKGDRLSA EINRPDYLDF AESGQVYFGI IAL
Clone:	M1-C4
Isotype:	IgG1
Cross-Reactivity:	Human, Rat

Product Details

Characteristics: Antibody Reactive Against Recombinant Protein.

Target Details

Target:	TNF alpha
Alternative Name:	TNF (TNF alpha Products)
Background:	Full Gene Name: tumor necrosis factor (TNF superfamily, member 2) Synonyms: DIF,TNF-alpha,TNFA,TNFSF2
Gene ID:	7124
Pathways:	NF-kappaB Signaling , Apoptosis , Caspase Cascade in Apoptosis , TLR Signaling , Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Positive Regulation of Endopeptidase Activity , Hepatitis C , Protein targeting to Nucleus , Inflammasome

Application Details

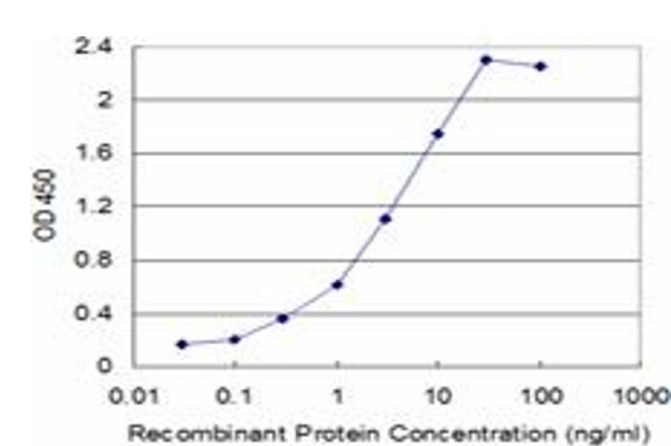
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

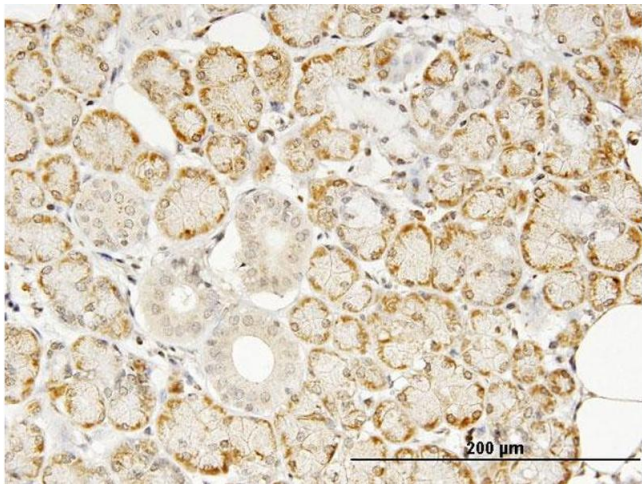
Publications

Product cited in:	Ku, Lee, Yoo, Han, Bae: "Inhibitory effects of epi-sesamin on endothelial protein C receptor shedding in vitro and in vivo." in: Inflammation research : official journal of the European Histamine Research Society ... [et al.] , Vol. 62, Issue 10, pp. 895-902, (2013) (PubMed).
-------------------	---



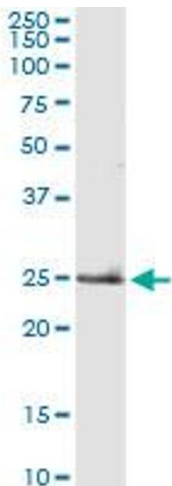
ELISA

Image 1. Detection limit for recombinant GST tagged TNF is approximately 0.3ng/ml as a capture antibody.



Immunostaining

Image 2. Immunoperoxidase of monoclonal antibody to TNF on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 3 ug/ml]



Western Blotting

Image 3. TNF monoclonal antibody (M03), clone S2. Western Blot analysis of TNF expression in rat liver.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN563205.