TNF-R1 (human) monoclonal antibody (H398)

This antibody is covered by our Worry-Free Guarantee.

Citations: 16 View Online »

Ordering Information Order Online »

ALX-804-2000	100µg

Manuals, SDS & CofA View Online »

Handling & Storage

Handling	Avoid freeze/thaw cycles. After opening, prepare aliquots and store at -20°C.
Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	TNF-R 60kDa, CD120a, p55, TNFRSF 1A
Application	Flow Cytometry, FUNC, IHC (FS)
Application Notes	Not recommended for IHC (PS). Functional Application: blocks TNF-R signalling. 10µg/ml H398 neutralizes TNF induced cytotoxicity on U937 (100%). Furthermore, 10µg/ml H398 neutralizes TNF induced MHC expression on K562, Colo 205 and IL2R on YT cells (always 100%). TNF induced cytotoxicity can be inhibited/neutralized by H398 on MCF-7, HeLa and L929. A working concentration could not be determined, since ascites antibody preparations have been used which exhibit an unspecific cytotoxic effect on the cells. Functional activity via the TNF-R1 is completely inhibited by H398 although on some cells the ligand still binds. Thus, the antibody H398 inhibits signalling via the receptor but not always the binding of TNF.
Clone	H398
Crossreactivity	Does not cross-react with mouse TNF-R1.
Formulation	Liquid. In PBS.
Host	Mouse
Immunogen	Human TNF-R1.
Isotype	IgG2a
Purity Detail	Protein G affinity purified.

Recommendation Dilutions/Conditions	Immunohistochemistry (frozen sections; stains acetone-fixed cryostat sections or cell smears. Recommended for H398 is the alkaline phosphatase-anti-alkaline-phosphatase (APAAP)or peroxidase anti-peroxidase (PAP) procedures or the three stage immunoperoxidase technique on acetone-fixed cryostat sections. H398 may be used at a concentration of 1-0.5mg/ml for cryostat sections)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Human
Specificity	Recognizes membrane-bound and soluble TNF-R1.
UniProt ID	P19438
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.