Category:	Cat. #	Product Name:
Monoclonal Antibodies	V7057	**Tumor Necrosis Factor Alpha - Clone B428**

Description:
Monoclonal Mouse Anti-Human Tumor Necrosis Factor alpha (TNF a)

Immunogen:
Synthetic TNF-alpha 115-130 hexadecapeptide linked to carrier protein.

Cellular Localization:
cytoplasmic and extracellular.

Application:
Immunohistochemistry 1:50-1:100; ELISA 1:500 -1:1000

Species Reactivity:
Human. Others not tested.

Recommended Positive Control:
Prostate cancer

Epitope:
aa 115-130

Presentation:
20 mM tris-borate, 150 mM Sodium Chloride, 0.05% Sodium Azide, pH 7.5.

Aliquoting Instructions:
Do not dilute the entire reconsituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4° C. Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good dilutent to use with most antibodies.

Staining Procedure:
This antibody can be used on frozen and formalin-fixed, paraffin-embedded tissue sections. Prolonged fixation in buffered formalin can destroy the epitope. The antibody may be used at a dilution of 1:50-1:100. It is recommended that this product be used on frozen tissue sections or specimens. The optimal conditions should be determined by the individual laboratory.

Specificity:
This antibody reacts with TNFa. Reactivity: this antibody stains macrophages and some keratinocytes on tonsil.

Storage:
Store at 2~8o C for short term, freeze under -20oC for long term storage

Size: 0.2mg
Clone: B428
Isotype: IgG1, k
Host: Mouse
Form: Purified
Mol. Wt. of Antigen: 17 kD
Concentration: 0.5 mg/ml
Units On Hand: YES

References:

1. Bebok, Zs, Markus, B., Nemeth, P., Breast Cancer Res. Treatm. 29:229-235, 1994.

For Research Use Only

Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com