



# Mouse Anti-Human IgG Antibody- prediluted

Catalog No: tcna1003pre

Available Sizes	
Size: 7ml	
Specifications	
<b>Application:</b> IHC-P	
Species Reactivity: Human. Other species not known.	
<b>Host Species:</b> Mouse	
<b>Immunogen / Amino acids:</b> Purified human IgG was used as the immunogen for this IgG antibody.	
<b>Conjugation:</b> Unconjugated	
<b>Clonality:</b> Monoclonal	
Clones: IG217 + IG266	
<b>Isotype:</b> Mouse IgG1 + IgG2a	
<b>Form:</b> Liquid	
Storage Buffer: Prediluted in 1X PRS with 0.1 mg/ml RSA (US sourced) and 0.05% sodium azide: *For IHC use only*	



#### **Recommended Dilution:**

Prediluted IHC only format: incubate for 30 min at RT (2)The optimal dilution of the IgG antibody for each application should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer pH 6.0

for 10-20 min followed by cooling at RT for 20 minutes.

2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required)

drip mAb solution onto the tissue section and incubate at RT for 30 min.

## **Storage Instruction:**

Store the IgG antibody cocktail at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

#### **SwissProt:**

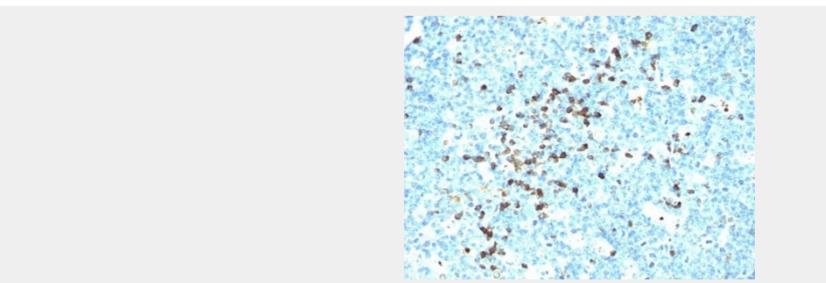
P01857, P01859, P01860, P01861

### References

Protein G affinity chromatography

# **Product Description**

This mAb is specific to heavy chain of IgG and shows minimal cross-reaction with heavy chains of other immunoglobulins. It is reactive with all subclasses of gamma heavy chain (IgG1, IgG2a, IgG2b, IgG3). The most common feature of plasmacytomas, and certain non-Hodgkin\'s lymphomas is the restricted expression of a single heavy chain class. Demonstration of clonality in lymphoid infiltrates indicates that the infiltrate is clonal and therefore malignant. Ab-3 is superb for staining of formalin-fixed tissues.



Formalin-fixed, paraffin-embedded human tonsil stained with IgG antibody (IG217 + IG266)

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!