

**Catalog #: 52496**

## Aliases

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## Application Information

Molecular Weight: Predicted, 52 kDa; observed, 55 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB955

Species Reactivity: Human

Applications Tested: Western blotting (WB), immunohistochemistry-paraffin (IHC-P)

## Immunogen

A fusion protein contains human IgG Fc

## Isotype

Mouse IgG1

## Storage Buffer

Supplied in PBS containing 50% glycerol, 0.5% BSA and 0.09% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:500-1,000

Immunohistochemistry-Paraffin (IHC-P): 1:100-1:500

**Note:** This product is for research use only.

## Validation Data

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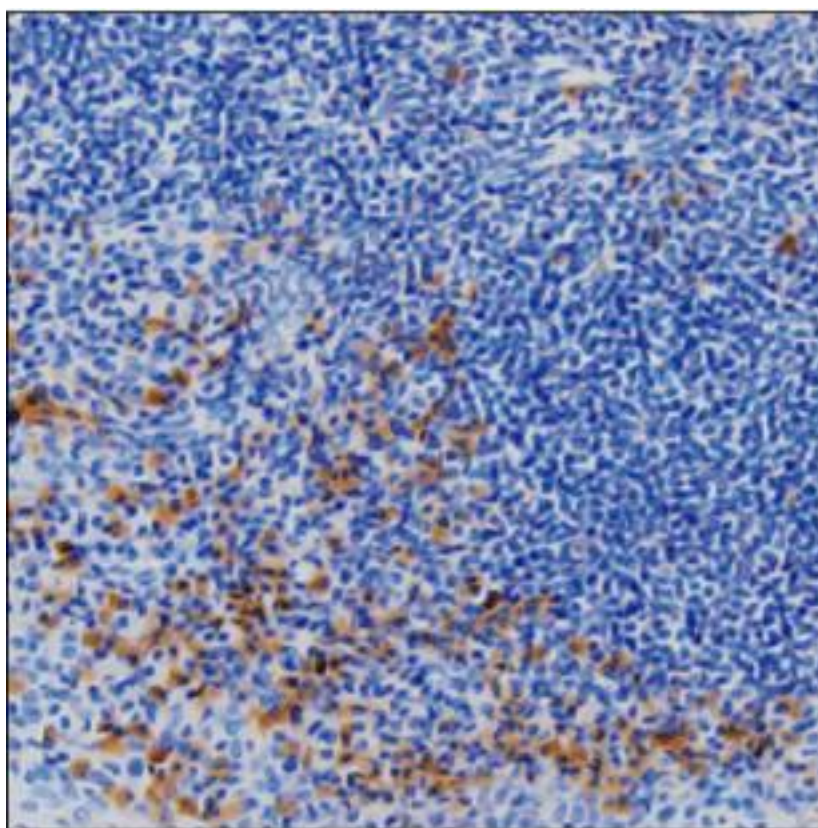
### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

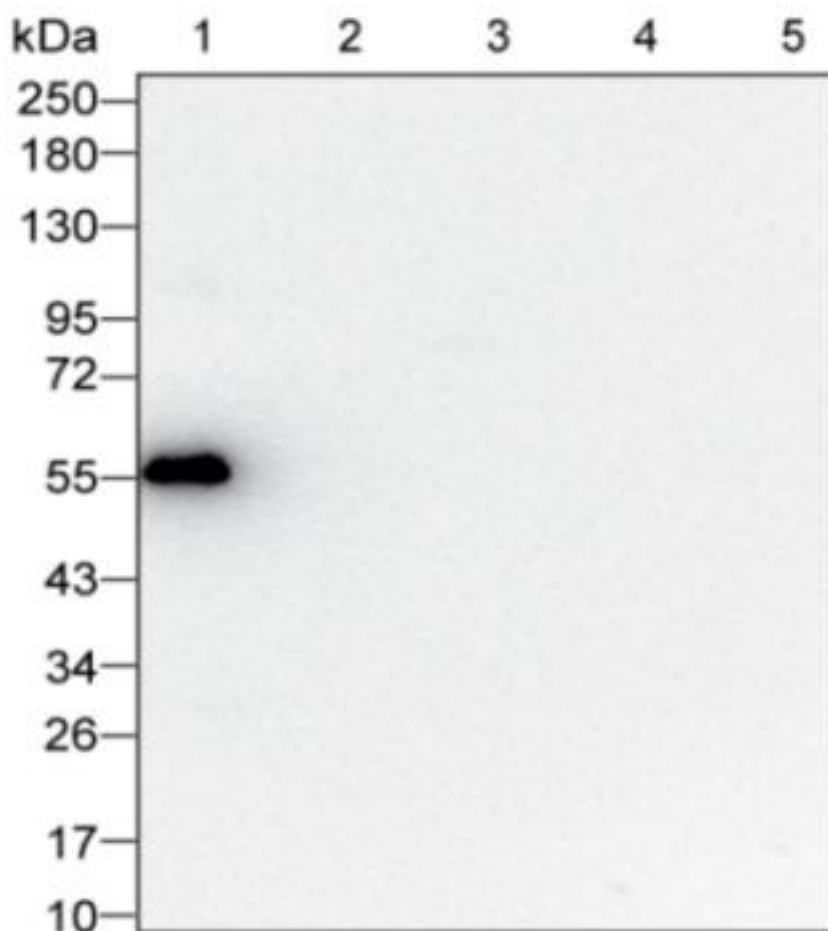
### ORDERS

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Immunohistochemistry-Paraffin was performed using sections of the formalin-fixed paraffin-embedded human tonsil tissue. Antigen was retrieved through addition of boiling Tris/EDTA buffer pH 9 in a pressure cooker for 3 min. Endogenous peroxidase activity was quenched by incubating the sections with 3% H<sub>2</sub>O<sub>2</sub> for 30 min at room temperature. The sections were then incubated with anti-Human IgG antibody (Cat#52496, 1:500) at room temperature for 1 h. Poly-peroxidase conjugated goat anti-mouse IgG was used as the secondary antibody. Diaminobenzidine was used as the chromogen. The section was counterstained with hematoxylin.



Western blotting analysis using anti-Human IgG antibody (Cat#52496). Total protein samples (100 ng) were loaded and separated by SDS-PAGE. The blot was incubated with anti-Human IgG antibody (Cat#52496, 1:1,000) and peroxidase conjugated goat anti-mouse IgG secondary antibody respectively. Image was developed using ECL Substrate Kit. (Lane 1: 100 ng of human IgG, Lane 2: 100 ng of human IgA, Lane 3: 100 ng of human IgM, Lane 4: 100 ng of human IgE, Lane 5: 100 ng of rat IgG1)