



Category: Monoclonal Antibodies
Cat. # V6071
Product Name: CD55 - Purified

Description:

Monoclonal Mouse Anti-Human CD55, a 70 kD glycoprotein that is anchored to the cell membrane by the glycosylphosphatidylinositol tail. The CD55 antigen is widely distributed in human hematopoietic and non-hematopoietic cells.

Immunogen:

Human K562 cells.

Application:

IHC(Praffin/Frozen), FLOW

Species Reactivity:

Human. Others not tested.

Recommended Positive Control:

human hematopoietic cells.

Presentation:

50 mM Sodium Borate, 150 mM Sodium Chloride, 20% Glycerol and 0.05% Sodium azide, pH 8.0.

Aliquoting Instructions:

In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good diluent to use with most antibodies. Avoid diluting the entire contents of the vial at once since the diluted solution may have reduced stability.

Staining Procedure:

It is recommended that this product be used in frozen tissue sections or specimens. The optimal conditions should be determined by the individual laboratory.

Specificity:

This antibody detects the complement regulatory protein DAF, known as CD55, a 70 kD glycoprotein that is anchored to the cell membrane by the glycosylphosphatidylinositol tail. The CD55 antigen is widely distributed in human hematopoietic and non-hematopoietic cells. This antibody reacts with a variety of human cells including erythrocytes, epithelium, and endothelium. It is specifically reactive with cells at the fetal-maternal interface of the placenta.

Storage:

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

Size: 0.2 mg

Clone: B471(143-30)

Isotype: IgG2b

Host: Mouse

Form: Purified

Concentration: 0.5 mg/ml

Units On Hand: YES

References:

1. Holmes, C.H., et al. J Immunol, 144: 3099-3105, 1990.
2. Hadam, M.R. in Leucocyte Typing IV; White Cell Differentiation Antigens, ed. by Knapp, W., et al Oxford University Press, 694-697.

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