

ANTIBODY DILUENT STANDARD (Primary Antibody Diluent)

CATALOG ID	DESCRIPTION
AD001-CD	100 mL Ready-to-use

INTENDED USE

BioMarq Antibody Diluent Standard is used for *Laboratory Use* only. This buffered Solution is intended for dilution of BioMarq's primary antibodies.

PRODUCT DESCRIPTION

BioMarq Antibody Diluent Standard is Ready to Use, phosphate-based buffer solution with a protein carrier and preservative. The diluent is used for the dilution of primary antibodies (Rabbit/Mouse and Monoclonal / Polyclonal) used for Immunohistochemistry applications on formalin-fixed paraffin-embedded tissues, acetone-fixed or frozen tissue sections. This universal standard diluent formulation ensures superior performance & stability and is protease and IgG free. Based on the antibody titer recommendations made for primary Antibody the diluent needs to be used.

RECOMMENDED PROTOCOL

BioMarq's Antibody Diluent standard was developed for use with BioMarq's primary antibodies. Please refer to the respective primary antibody datasheet of BioMarq for dilution factor information.

STORAGE AND STABILITY

Store at 2-8°C. Do not freeze. Not to be used beyond the expiration date prescribed on label.

QUALITY CONTROL

For Quality Control purpose, each lot of this Diluent Solution is tested by immunohistochemistry using BioMarq's Primary Antibodies, Reagents and Detection Kit.

TECHNICAL NOTE

Do not use this diluent for diluting HRP conjugated antibody as the sodium azide is inhibitor of HRP.

Do not use this diluent for diluting Alkaline Phosphatase (AP) conjugated antibody as the phosphate in PBS is an inhibitor of AP

Follow the recommended Antibody Dilution factor specified in primary Antibody data sheet of BioMarq. If atypical results occur, contact BioMarq Technical Support at 040-29702960.

PRECAUTIONS

Microbial contamination of reagents may yield nonspecific staining.

The material contains 0.05% Sodium azide as preservative. Although the quantity of azide is very small, appropriate care should be taken when handling this material.

For detailed safety information related to BioMarq Products, please refer to appropriate safety data sheets (SDS) available online at www.biomarq.net

REFERENCES

1. National Committee for Clinical Laboratory Standards (NCCLS). Protection of laboratory workers from infectious diseases transmitted by blood and tissue; proposed guideline. Villanova, P.A. 1991; 7(9).