

## Primary Antibody Diluent (With Background Reducing Component)

<b>Catalog No.:</b>	K 004
<b>Intended Use:</b>	This product can be used as a diluent to prepare primary antibodies and negative controls. It can be used with any primary antibody irrespective of its source of origin. Primary antibody diluent is specifically designed to stabilize primary antibodies and reduce nonspecific background staining observed during immunostaining.
<b>Introduction:</b>	In order to obtain optimal staining, correct dilution and selection of appropriate diluent is very critical. Ionic strength, pH, and the presence or absence of detergents can affect the binding and stability of primary antibodies. The optimal pH together with stabilizing proteins in Primary Antibody Diluent ensures maximum stability of primary antibodies. Our Primary Antibody Diluent contains optimal concentrations of sodium chloride and detergents to help prevent nonspecific binding and allow for better penetration of primary antibodies. Primary Antibody Diluent is specifically designed to dilute primary antibodies for immunohistochemistry. Mono and polyclonal antibodies can be diluted in this buffer.
<b>Format:</b>	250mL ready to use green-colored buffer.
<b>Storage:</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
<b>Preparation of Reagent:</b>	Bring the diluent to room temperature and mix thoroughly before use. No further preparation is required.
<b>Procedure:</b>	<ol style="list-style-type: none"><li>i) Pour diluent in a clean glass container.</li><li>ii) Add concentrated primary antibody directly to the diluent and mix thoroughly.</li><li>iii) Diluted antibody is now ready to use. Store at 2-8°C for further use.</li></ol>
<b>Precautions:</b>	Avoid contact with clothes, skin, and eyes. If contacted, flush with ample water. Do not pipette with mouth. Follow local regulations for the disposal.

### IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

**DBS**

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