



Product Specifications Sheet for Anti-Link™

Storage

Store Anti-Link™ with a desiccant at room temperature, protected from light.

Introduction

Anti-Link™ is used to prevent protein adsorption and cell adhesion on substrates. Anti-Link™ has numerous applications including:

- Application to labware, storage containers, pipette tips or other devices where it is important to prevent loss of sample components due to adsorption onto the material surface.
- Application to labware, storage containers, pipette tips or other devices to prevent denaturation of sample components. When proteins are stored in vials some of the proteins interact with the walls of the container and denature, which causes a loss of activity. This denaturation and loss of activity can be prevented by coating containers with Anti-Link™.
- Coat microdevices with Anti-Link™ to prevent clogging of channels due to build up of proteinaceous or cellular material.
- Use in conjunction with Cell-Link™ products to:
 - Pattern surfaces to produce adhesive and nonadhesive domains for cell culture and tissue engineering.
 - Produce patterned surfaces for micro arrays.
- Prevent fouling of materials that are exposed to protein containing media.
- Prevent bacterial adhesion on surfaces.

Example Protocol

Coating hydrophobic material with Anti-Link™

Materials

1. PBS or distilled water
2. Anti-Link™

Method

1. Prepare a 1 % solution of Anti-Link™ in PBS or distilled water by dissolving 100 mg of Anti-Link in 10 mL of water or PBS.
2. Coat substrate with Anti-Link™ solution by incubating substrate with the solution for 30 minutes to overnight at room temperature with gentle agitation. Maintain surface in a humidified environment (for example in a ziplock bag or sealed microplate) while incubating to prevent dehydration of the coating solution.
3. Rinse Anti-Link™ coated material with distilled water to remove unbound Anti-Link™.

Note for coating bead or particle substrates with Anti-Link™: Use constant end over end mixing for coating and reaction steps. One % (w/v) polystyrene or magnetic beads may be incubated with a 0.4% to 1% solution of Anti-Link™ for coating.

Anti-Link™ is for research use only.