

PASSIVE BLOCKERS

Mouse IgG acts as a passive heterophilic blocker that neutralizes a subpopulation of the heterophilic antibody and reduces the heterophilic interactions. In addition, Mouse IgG also increases the free IgG concentration in an assay system and reduces the non-specific interaction that results in falsely elevated analyte concentrations. It is an inexpensive blocker that works well in a good number of assay formats. However, it does not have the active blocking ability as HBR does. Therefore, Mouse IgG may not be powerful enough to completely block certain strong heterophilic interactions.

3BM245 - Mouse IgG, Purified

This product is affinity-purified from normal mouse serum at a concentration of 10-12 mg/ml. It contains all the normal subclasses of mouse IgG, and is provided at a purity of greater than or equal to 95%, as determined by SDS-PAGE. Mouse IgG has known characteristics for passive blocking efficacy which makes it a good choice for a heterophilic blockage at a lower cost. Therefore, it is recommended for heterophilic blockage in immunoassays in which both the capture and detection antibodies are of murine origin.

3BM845 - Mouse IgG, Purified, Concentrated

This is a more concentrated (>35 mg/ml) version of our Mouse IgG.

3KC801 - HBR-1 Non Murine