

Product no **AS15 3051****Goat anti-Mouse IgG1, FITC conjugated****Product information****Immunogen** | Purified homogenous IgG1 isolated from mouse serum**Host** | Goat**Clonality** | Polyclonal**Purity** | Immunogen affinity purified goat IgG.**Format** | Lyophilized**Quantity** | 10 mg**Reconstitution** | For reconstitution add 1.1 ml of sterile water. Let it stand 30 minutes at room temperature to dissolve. Prepare fresh working dilutions daily**Storage** | Stored lyophilized material at 4°C and for long time storage at -20°C. After reconstitution make aliquots and store at -20°C to avoid repeated freeze-thaw cycles. Prior to use, thaw the aliquot slowly in the dark at ambient temperature, spin down again and prepare the working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Working dilutions should be stored at 4°C, not refrozen, and preferably used the same day.**Additional information** | If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the immunoconjugate.

The reactivity of this product is directed against the subclass IgG1 as tested in mouse serum and against many purified homogenous immunoglobulins. It was further tested on the level of sensitivity of direct and indirect immunofluorescence staining methods applied to lymphoid cells.

When used on vital peripheral blood cells this immunoconjugate does not react with Fc receptors present on cell surface membranes.

It can be used to identify and measure IgG1, antigen or antibody, at the cellular and subcellular level by immunofluorescence staining of appropriately treated cell and tissue substrates, and to demonstrate circulating antibodies in serodiagnostic microbiology and autoimmune diseases; to identify a specific antigen or immune complex using a reference antibody of mouse origin in the middle layer of the indirect test procedure.

**Application information****Recommended dilution** | 1 : 20-1 : 80 The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal**Confirmed reactivity** | Mouse IgG1, subclass specific