

# IgG Fab fragment (4A11): sc-51642

## BACKGROUND

Monovalent Fab fragments have two antigen binding sites, so they may be used to sterically cover the surface of immunoglobulins for double labeling primary antibodies from the same host species, or to block endogenous immunoglobulins on cell surfaces or in tissue sections. After binding to the primary antibody, most of the secondary antibodies will still have one open binding site, which can capture the second primary antibody from the same species. Consequently, overlapping labeling of the two antigens will occur.

## REFERENCES

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## SOURCE

IgG Fab fragment (4A11) is a mouse monoclonal antibody raised against purified IgG of human origin.

## PRODUCT

Each vial contains 100 µg IgG<sub>2b</sub> in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

## APPLICATIONS

IgG Fab fragment (4A11) is recommended for detection of Fab fragment of IgG of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000).

Molecular Weight of IgG Fab fragment: 36 kDa.

## STORAGE

Store at 4° C, **\*\*DO NOT FREEZE\*\***. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

## RESEARCH USE

For research use only, not for use in diagnostic procedures.

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) for detailed protocols and support products.