

# anti-human/-mouse/-rat/-hamster/-rabbit dsDNA

## Monoclonal Antibody HpS22 to dsDNA

Cat-No: 21227771

100 µg in 100 µl

**Clone:** HpS22

**Specificity/Reactivity:** The antibody reacts with human, mouse, rat, hamster and rabbit dsDNA antigen.

**Isotype subclass:** Mouse IgG1

**Form:** Purified by affinity purification on protein G sepharose.

**Physical state:** Liquid

**Buffer/Additives/Preservative:** PBS with 0.09 % sodium azide (pH 7.2).

**Expiration date:** The reagent is stable until the expiry date stated on the vial label.

**Storage conditions:** Store at 4 °C. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.

**Application:** Flow Cytometry.

**Background:** Anti-dsDNA antibodies are a group of anti-nuclear antibodies and their target antigen is double stranded DNA. Blood tests such as enzyme-linked immunosorbent assay (EIA) and immunofluorescence are routinely performed to detect anti-dsDNA antibodies in diagnostic laboratories. They are highly diagnostic of systemic lupus erythematosus (SLE) and are implicated in the pathogenesis of lupus nephritis

**Warning:** Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

This material is offered for research only. Not for use in human. For in vitro use only. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.

**ImmunoTools** Excellent Quality - Advantageously priced

Gladiolenweg 2; 26169 Friesoythe; Germany  
phone: +49-(0)4491-400997, fax: +49-(0)4491-400998, [info@immunotools.com](mailto:info@immunotools.com)  
[www.immunotools.com](http://www.immunotools.com)