

NanoAb™

RecomAb™

# FluoTag-X4 anti-GFP, clone 1H1/1B2 (ATTO 488)

Catalog # RAB00740      Size 200 uL

## Specification

|                            |                                                                                                                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | FluoTag-X4 anti-GFP two single-domain antibody (sdAb, also known as NanoAb™) raised against two distinct epitopes on GFP and its most common derivatives.                                                                         |
| <b>Antibody Species</b>    | Camelid                                                                                                                                                                                                                           |
| <b>Produced in</b>         | E. coli                                                                                                                                                                                                                           |
| <b>Specificity</b>         | Recognizes GFP (green fluorescent protein) and common GFP derivatives like EGFP, mEGFP, Sirius, tSapphire, Cerulean, eCFP, mTurquoise, acGFP, Emerald, superecliptic pHluorin, paGFP, super folder GFP, eYFP, mVenus and Citrine. |
| <b>Form</b>                | Lyophilized                                                                                                                                                                                                                       |
| <b>Conjugation</b>         | ATTO 488<br>Two fluorophores of FluoTag-X4 series are site-specifically coupled to each individual FluoTag molecule.                                                                                                              |
| <b>Concentration</b>       | 5 uM                                                                                                                                                                                                                              |
| <b>Recommend Usage</b>     | Immunofluorescence (1:500)<br>The optimal working dilution should be determined by the end user.                                                                                                                                  |
| <b>Storage Buffer</b>      | Lyophilized from PBS pH 7.4 containing 2.5 uM fluorescently labeled clone 1H1 and 2.5 uM fluorescently labeled clone 1B2. Reconstitute with 200 uL 50% glycerol.                                                                  |
| <b>Storage Instruction</b> | Store at -20°C. For long term storage store at -80°C.<br>Avoid prolonged exposure to light.<br>Aliquot to avoid repeated freezing and thawing.                                                                                    |
| <b>Note</b>                | It is selected from the alpaca in vitro synthetic gene library, produced by phage display derived recombinant antibodies.                                                                                                         |

## Applications

- Immunofluorescence