iFluor™ 647 Conjugated Goat anti-Guinea pig IgG Antibody

HA1147

Product Type:	Goat polyclonal IgG, secondary antibodies
Species reactivity:	Guinea pig
Applications:	IHC-Fr, IF-Tissue, IF-Cell, FC

Description: Whole IgG antibodies are isolated as intact molecules from antisera by immunoaffinity chromatography. They have an Fc portion and two antigen binding Fab portions joined together by disulfide bonds and therefore they are divalent. The average molecular weight is reported to be about 160 kDa. The whole IgG form of antibodies is suitable for the majority of immunodetection procedures and is the most cost effective.

Conjugate: iFluor™ 647

Immunogen: Guinea pig IgG protein.

Recommended Dilutions:

IHC-Fr	1:500
IF-Tissue	1:500
IF-Cell	1:1,000
FC	1:200-1:500

Storage Buffer: 1*PBS (pH7.4), 1% BSA, 40% Glycerol, 0.2% Proclean 950.

Storage Instruction: Shipped at 4℃. Store at +4℃ short term (1-2 weeks). Store at -20℃ long term.

Purity: Immunogen affinity purified.

Images

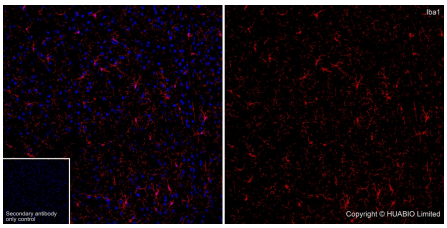


Fig1: Application: Immunofluorescence (IHC-Fr)

Species: Mouse
Tissue: Brain
Sample: Frozen section

Antigen retrieval: Not required

Wash buffer: 1× TBST
Blocking: 10% normal goat serum + 1% Triton X-100 + 0.3 M Glycine in TBST, 30 minutes at room temperature.

Primary antibody: HA601368, 1/500, overnight at 4℃.
Secondary antibody: Goat Anti-Guinea pig IgG (iFluor™ 647, HA1147, 1/500), 1.5 hours at room temperature.

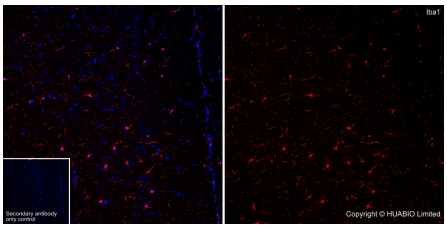


Fig2: Application: Immunofluorescence (IF-tissue)

Species: Mouse
Tissue: Brain
Sample: Paraffin-embedded section

Antigen retrieval: Heat-mediated, Tris-EDTA buffer (pH 9.0), 20 minutes at 95℃.

Wash buffer: 1× TBST
Blocking: 10% normal goat serum + 1% Triton X-100 + 0.3 M Glycine in TBST, 30 minutes at room temperature.

Primary antibody: HA601368, 1/500, overnight at 4℃.
Secondary antibody: Goat Anti-Guinea pig IgG (iFluor™ 647, HA1147, 1/500), 1.5 hours at room temperature.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".