

DeepLabel™ Antibody Staining Kit C33001 – 1 kit

DeepLabel™ Antibody Staining Kit is a set of non-toxic, ready-to-use reagents optimized for use with clarified tissues for effective antibody penetration and site-specific binding. With DeepLabel™, macromolecular probes rapidly and efficiently penetrate thick, protein-dense tissues at lower antibody concentrations. DeepLabel™ facilitates homogenous antibody staining with 2.6 X greater signal-to-background than conventional staining methods. DeepLabel™ is compatible with virtually all antibodies and all tissue clearing methods including CLARITY, PACT, iDISCO, and CUBIC.



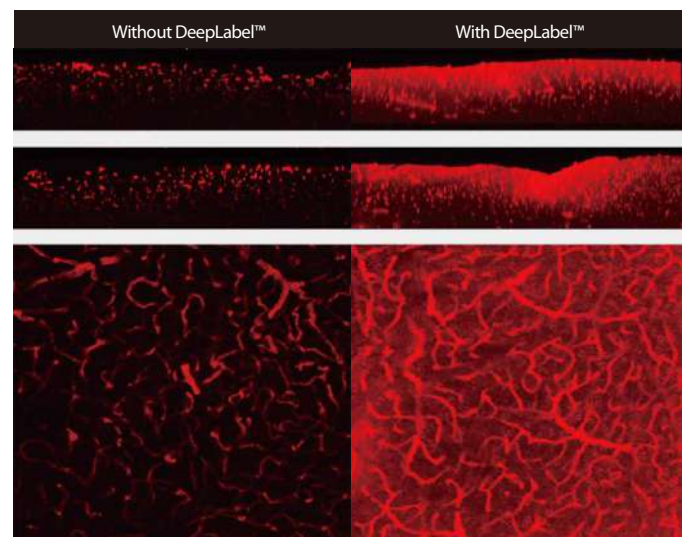
DeepLabel™ Solution A C33002 – 1 x 25 mL

DeepLabel™ Solution B C33003 – 2 x 25 mL

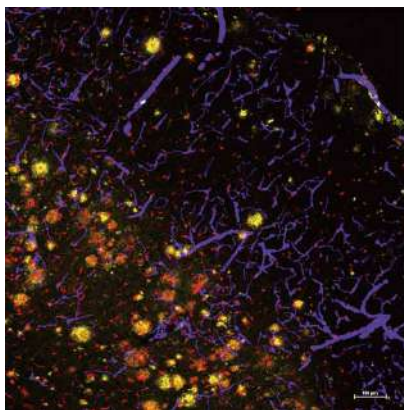
DeepLabel™ Washing Buffer C33004 – 1 x 250 mL

X-CLARITY™ Mounting Solution C13101 – 1 x 25 mL

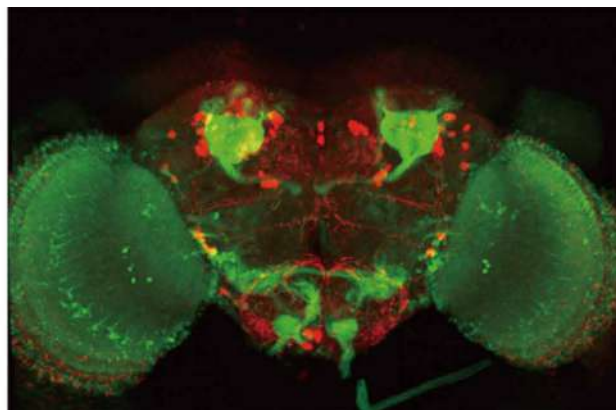
- ✓ Homogenous antibody distribution
- ✓ Site-specific labeling
- ✓ 2.6 X greater signal-to-background
- ✓ Vibrant imaging at subcellular resolution
- ✓ Simple protocol with ready-to-use reagents
- ✓ Compatible with multiple clearing methods



DeepLabel™ enhances anti-Collagen IV penetration into clarified mouse brain tissues.



Adult mouse brain stained using DeepLabel™ with anti-β-Amyloid (yellow), anti-Iba1 (red), and anti-SMA (purple).



Whole adult *Drosophila* brain stained using DeepLabel™ with anti-GFP (green) and anti-TH (red).



Whole adult mouse brain stained using DeepLabel™ with anti-TH (red).