



**Product Name:** Mouse/Rabbit X Mouse/Rabbit Fluorescence Double Stain Kit  
(With FAM / TAMRA)

**Catalog No:** TADS03F

**INTENDED USE:** For Research Use Only. Not for use in diagnostic procedures.

**DESCRIPTION:** The double stain kits apply immuno-fluorescence technology and detect more than one target protein on the same section slide. The kit is fluorescence conjugated detection system those are suitable for mouse and rabbit IgG primary antibodies. In this system, the powerful immunoblock could reduce the background from endogenous immunoglobulin and unbound primary antibody at once time. The Systems included FITC and TAMRA fluorescence secondary antibody. They will well clearly define two biomarkers as present in the same or different area.

**APPLICATIONS:** Immuno-fluorescence

Kit Contents	Format	Recommend time
Hi-effect Immunoblock I&II	Ready to Use, 15ml	30-60 minutes.
Goat anti-Mouse IgG (H+L)-FAM	Ready to Use, 15ml	30 minutes.
Goat anti-Rabbit IgG (H+L)-FAM	Ready to Use, 15ml	30 minutes.
Goat anti-Mouse IgG (H+L)-TAMRA	Ready to Use, 15ml	30 minutes.
Goat anti-Rabbit IgG (H+L)-TAMRA	Ready to Use, 15ml	30 minutes.
DAPI Solution	Ready to Use, 15ml	1 minute.
Aqua mounting medium (stocked at RT)	Ready to Use, 15ml	~

**STAINING PROTOCOL:**

1. Normally process the rehydration for FFPE and frozen tissue section.
2. Perform appropriate pretreatment if required. Wash 3 times in PBS buffer.
3. Apply Hi-effect Immunoblock I and incubate for 30 minutes to block non-specific background staining. Wash 2 times in PBS buffer.
4. Apply mouse or rabbit primary antibody to the sections and incubate according to manufacturer's protocol. Wash 3 times in PBS buffer to stop the binding.
5. Apply Mouse or Rabbit IgG (H+L)-FAM and incubate for 30 minutes at room temperature. Wash 3 times in PBS buffer.
6. Apply Hi-effect Immunoblock II and incubate for 30-60 minutes to block non-specific background staining and unbound primary antibody. Wash 2 times in PBS buffer.



7. Apply another mouse or rabbit primary antibody to the sections and incubate according to manufacturer's protocol. Wash 3 times in PBS buffer.
8. Apply Mouse or Rabbit IgG (H+L)-TAMRA and incubate for 30 minutes at room temperature. Wash 2 times in PBS buffer.
9. Apply DAPI Solution 1 minute for countstain.
10. Wash 3 times in PBS buffer.
11. Apply moderate aqua mounting medium to the slide and cover in coverslips.

**STORAGE & STABILITY:**

Store at 2-8°C but aqua mounting medium. Do not freeze. The user must validate any other storage conditions. The reagents must be returned to the storage conditions identified above immediately after use. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date. There are no definitive signs to indicate instability of this product; therefore, positive, and negative controls should be tested simultaneously with unknown specimens. If unexpected results are observed which cannot be explained by variations in laboratory procedures and a problem with the reagent is suspected, contact Technical Support at [www.biotna.net](http://www.biotna.net) or your distributor service.