

## Product Datasheet

### tdTomato antibody (orb182397)

**Description**

Goat polyclonal antibody to tdTomato (red fluorescent protein).

**Species/Host**

Goat

**Reactivity**

Other

**Conjugation**

Unconjugated

**Tested Applications**

ELISA, IF, IHC-Fr, IHC-P, WB

**Immunogen**

Purified recombinant peptide produced in E. coli.

**Target**

tdTomato

**Preservatives**

PBS, 20% glycerol and 0.05% sodium azide

**Form/Appearance**

Polyclonal antibody supplied in PBS, 20% glycerol and 0.05% sodium azide

**Concentration**

1mg/ml

**Storage**

For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours

**Note**

For research use only

**Application notes**

In 293HEK cells transfected with cds plasmid detects a band of 55 kDa by Western blot. It also detects tdTomato in brain sections by IHC. This antibody (AB8181) is specific for tdTomato and mCherry proteins. It does not cross-react to GFP (green fluorescent protein)

**Protein Sequence**

```
MEQKLISEEDLGTISTMVSKGEEDNMAIIKEFMRFKVVHMEGSVNGHEFEIEGEGE
GRPYEGTQAKLKVTKGGPLPFAWDILSPQFMYGSKAYVKHPADIPDYLKLSFPE
GFKWERVMNFEDGGVVTVTQDSSLQDGEFIYKVKLRGTNFPDGPVMQKKTMG
WEASSERMYPEDGALKGEIKQRLKLDGGHYDAEVKTTYKAKKPVQLPGAYNVN
IKLDITSHNEDYTIVEQYERAEGRHSNGGMDEVYK
```

**Isotype**

IgG

**Clonality**

Polyclonal

**Purity**

This antibody is epitope-affinity purified from goat antiserum

**MW**

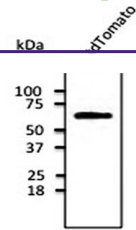
55 kDa

**Dilution Range**

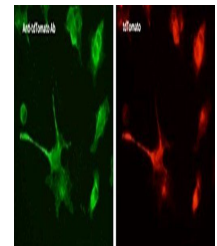
WB 1:500-1:2,000 IHC (F) 1:50-1:500 IHC (P) 1:50-1:500 IF 1:50-1:500

**Expiration Date**

12 months from date of receipt.



Western blot analysis of HEK293 cell lin...



Confocal immunofluorescence analysis of ...