

Datasheet for ABIN6254170

**anti-tdTomato antibody**

4 Images

12 Publications

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## Overview

Quantity:	600 µg
Target:	tdTomato
Reactivity:	Discosoma
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This tdTomato antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunohistochemistry (Frozen Sections) (IHC (fro)), Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoelectron Microscopy (IEM)

## Product Details

Immunogen:	Purified recombinant peptide produced in E. coli.
Isotype:	IgG
Specificity:	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).
Cross-Reactivity (Details):	tdTomato, mCherry, RFP
Characteristics:	Red Fluorescent Protein
Purification:	epitope affinity purified

## Target Details

Target:	tdTomato
Alternative Name:	tdTomato ( <a href="#">tdTomato Products</a> )

## Application Details

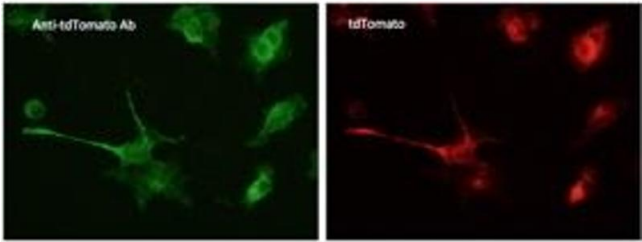
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Handling Advice:	The antibody solution should be gently mixed before use.
Storage:	4 °C, -20 °C
Storage Comment:	For continuous use, store at 2-8 deg,C for one-two days. For extended storage, store in -20 deg,C freezer. Working dilution samples should be discarded if not used within 12 hours.

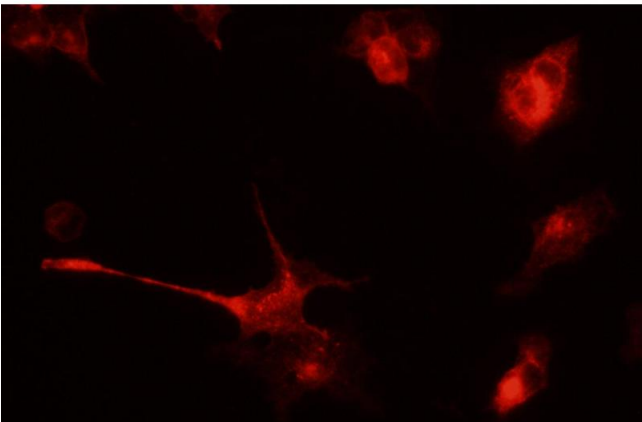
## Publications

Product cited in:	<p>Zhang, Chen, Ma, Zhao, Liu, Wang, Liu, Liang, Zhu, Xu: "Polarization of macrophages in the tumor microenvironment is influenced by EGFR signaling within colon cancer cells." in: <b>Oncotarget</b>, Vol. 7, Issue 46, pp. 75366-75378, (2018) (<a href="#">PubMed</a>).</p> <p>Yan, Guo, Cheng, Kou, Zhang, Si: "Tributyltin reduces the levels of serum adiponectin and activity of AKT and induces metabolic syndrome in male mice." in: <b>Environmental toxicology</b>, Vol. 33, Issue 7, pp. 752-758, (2018) (<a href="#">PubMed</a>).</p> <p>There are more publications referencing this product on: <a href="#">Product page</a></p>
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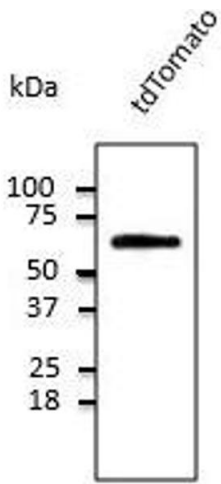
Immunofluorescence

Image 1.



Immunofluorescence

**Image 2.** Immunofluorescence - anti-tdTomato Ab in 293HEK Cells transfected with cDNA at 1/50 dilution, cells were fixed with 4% of PFA,



Western Blotting

**Image 3.** Anti-tdTomato Ab at 1/1,000 dilution, 293HEK cells transfected with cDNA, lysates at 50 µg per lane, rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution,

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6254170.