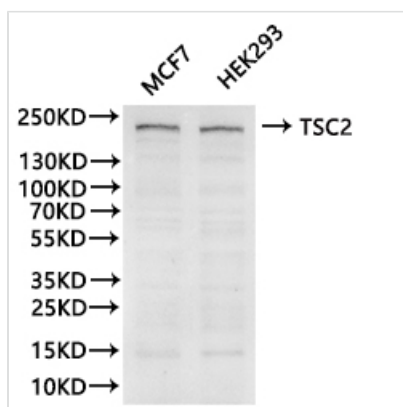




# TSC2 Recombinant Monoclonal Antibody

<b>Product Code</b>	CSB-RA343033MA1HU
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P49815
<b>Immunogen</b>	Recombinant Human TSC2 protein
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, WB, IHC, FC; Recommended dilution: WB:1:500-1:2000, IHC:1:50-1:200, FC:1:50-1:200
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
<b>Purification Method</b>	Affinity-chromatography
<b>Isotype</b>	hIgG1
<b>Clonality</b>	Monoclonal
<b>Product Type</b>	Recombinant Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Target Names</b>	TSC2
<b>Clone No.</b>	29F11

## Image



### Western Blot

Positive WB detected in: MCF-7 whole cell lysate(30µg), HEK293 whole cell lysate(30µg)

All lanes: TSC2 antibody at 1:1000

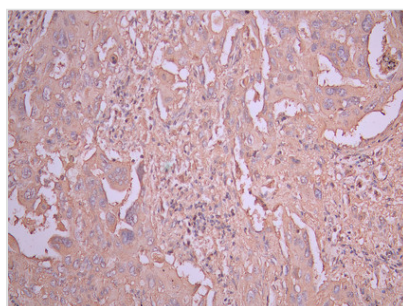
### Secondary

Goat polyclonal to human IgG at 1/40000 dilution

Predicted band size: 200 kDa

Observed band size: 200 kDa

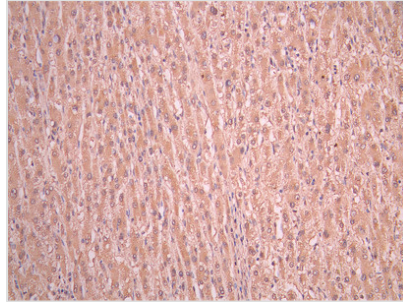
Exposure time: 180s



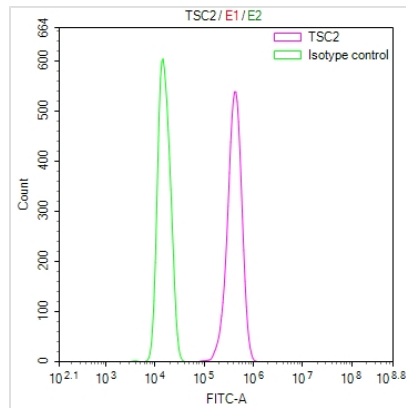
IHC image of CSB-RA343033MA1HU diluted at 1:50 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Anti-Human IgG, Fcy Fragment Specific labeled by



HRP and visualized using 0.05% DAB.



IHC image of CSB-RA343033MA1HU diluted at 1:50 and staining in paraffin-embedded human lung cancer performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Anti-Human IgG, Fc $\gamma$  Fragment Specific labeled by HRP and visualized using 0.05% DAB.



Overlay Peak curve showing SH-SY5Y cells stained with CSB-RA343033MA1HU (red line) at 1:100. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100 for 10min. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1\*10<sup>6</sup> cells) for 45min at 4°C. The secondary antibody used was Fluorescein (FITC) AffiniPure Goat Anti-Human IgG, Fc $\gamma$  fragment specific at 1:200 dilution for 35min at 4°C. Control antibody (green line) was human IgG1 (1ug/1\*10<sup>6</sup> cells) used under the same conditions. Acquisition of >10,000 events was performed.

**Usage**

For Research Use Only. Not for use in diagnostic or therapeutic procedures.