

## Anti-STAT6 Antibody (4S830)

### Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human, Mouse
Conjugation:	Unconjugated
Clone:	4S830
Purification:	Affinity-chromatography

### Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none"><li>-Positive WB detected in: Hela whole cell lysate, 293 whole cell lysate, HepG2 whole cell lysate, NIH/3T3 whole cell lysate, K562 whole cell lysate</li><li>-All lanes: STAT6 Antibody at 1:1000</li><li>-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution</li><li>-Predicted band size: 95, 75, 82 kDa</li></ul> <p>-Observed band size: 100 kDa</p> <p>2. IHC image of TMAH-01142 diluted at 1:100 and staining in paraffin-embedded human kidney tissue 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 Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.</p>
Application:	ELISA, WB, IHC
Recommended	WB:1:500-1:5000; IHC:1:50-1:200.

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthetic peptide: Human STAT6
Antigen Species:	Human
Gene ID:	6778
Uniprot ID:	P42226
Synonyms:	STAT6B;HIES6;STAT6C;IL-4-STAT;D12S1644
Biology Area:	Epigenetics and Nuclear Signaling, Cancer, Signal transduction

### Research Background

Carries out a dual signal transduction and activation of transcription. Involved in IL4/interleukin-4- and IL3/interleukin-3-mediated signaling.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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