

## Anti-SHP substrate 1 Antibody (4D77)

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Clone:	4D77
Purification:	Affinity-chromatography

### Applications

Verified Activity:	Western blot analysis of SIRP alpha expression in SW480 cell lysate.
Application:	FCM,ICC/IF,WB
Recommended	FCM: 1:20-1:100; ICC/IF: 1:50-1:200; WB: 1:1000-1:2000

### 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 synthesized peptide: human SHP substrate 1
Synonyms:	p84;MFR;MYD 1;PTPNS1;SIRPalpha;SIRPalpha3;CD172a;SIRPalpha2;SIRPalpha1;SIRPA;SHPS1;SIRP

### Research Background

Immunoglobulin-like cell surface receptor for CD47. Acts as docking protein and induces translocation of PTPN6, PTPN11 and other binding partners from the cytosol to the plasma membrane. Supports adhesion of cerebellar neurons, neurite outgrowth and glial cell attachment. May play a key role in intracellular signaling during synaptogenesis and in synaptic function.

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

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