

## Catalog #: 5712

### Aliases

SPTAN1; Spectrin Alpha, Non-Erythrocytic 1; Spectrin Alpha Chain, Non-Erythrocytic 1; Spectrin, Non-Erythroid Alpha Subunit; Fodrin Alpha Chain; Alpha-II Spectrin; Alpha-Fodrin; SPTA2; Epididymis Secretory Sperm Binding Protein; Spectrin, Non-Erythroid Alpha Chain; HMND11; DEVEP; EIEE5; HMN11; SPG91; DEE5

### Background

Gene Name: SPTAN1

NCBI Gene Entry: [6709](#)

UniProt Entry: [Q13813](#)

### Application Information

Molecular Weight: Predicted, 285 kDa; observed, 285 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB5025

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB)

### Immunogen

Recombinant protein of human SPTAN1

### Isotype

Mouse IgG1

### Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

### Storage

Store at -20 °C for one year.

### Recommended Dilutions

Western Blotting (WB): 1:500-1:2,500

**Note:** This product is for research use only.

### Validation Data

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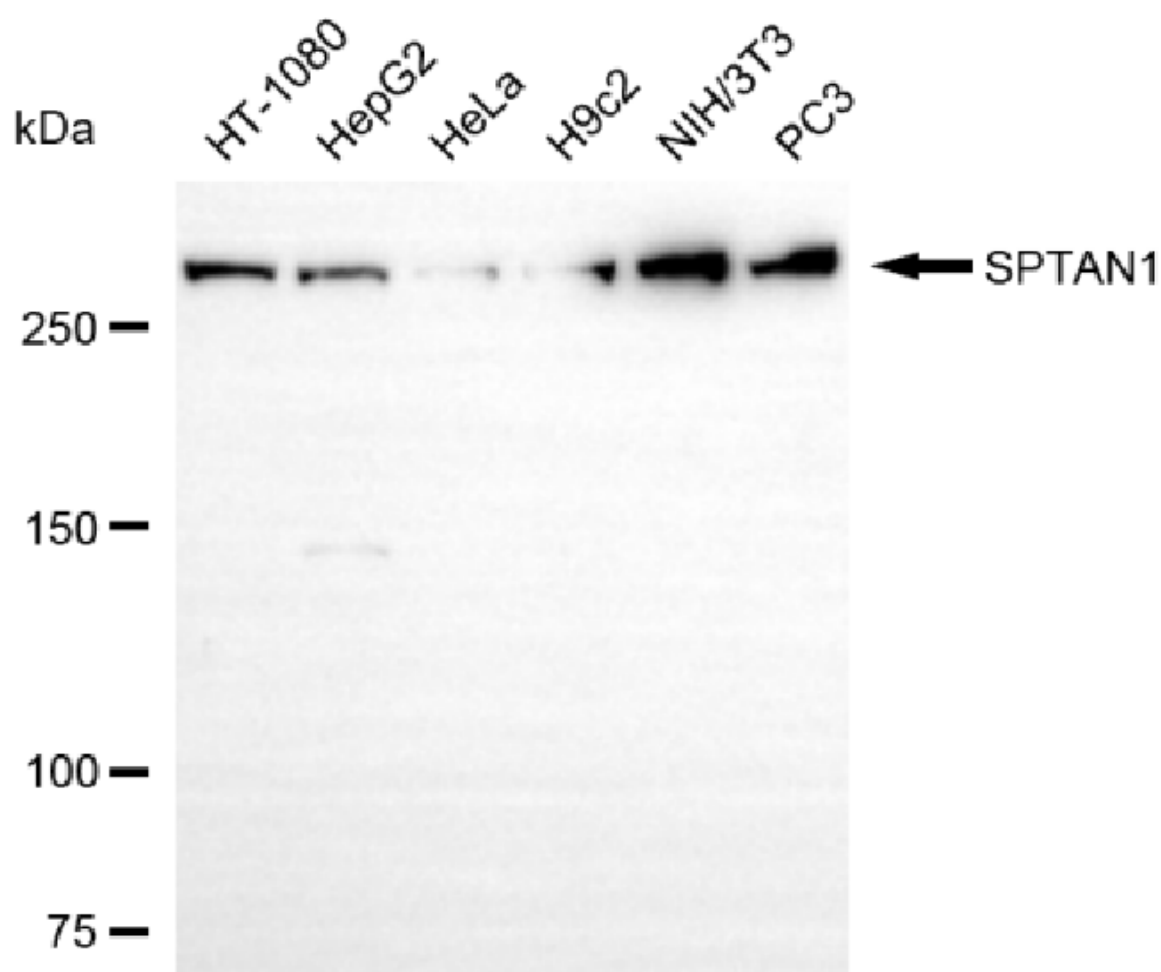
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Western blotting analysis using anti-SPTAN1 antibody (Cat#5712). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-SPTAN1 antibody (Cat#5712, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).