

## Product Datasheet

# Plectin Antibody

Catalog No: CY5121

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC IP



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### Information

**UniProt ID:** Q15149

**All Names:** EBS1;EBSO;HD1;Hemidesmosomal protein 1;PCN;pleC;PLEC1;Plectin 1; PLTN;Plectin 6; Plectin;Plectin-1;

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 531 kDa

### Application

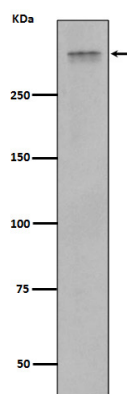
WB: 1:1000~1:2000

IHC: 1:50~1:100

IP: 30

### Background

Interlinks intermediate filaments with microtubules and microfilaments and anchors intermediate filaments to desmosomes or hemidesmosomes. Could also bind muscle proteins such as actin to membrane complexes in muscle. May be involved not only in the filaments network, but also in the regulation of their dynamics. Structural component of muscle. Isoform 9 plays a major role in the maintenance of myofibers integrity.



Western blot analysis of Plectin expression in Jurkat cell lysate.

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