

### 35-1643: Polyclonal Antibody to Smad2 (Ab-467)

|                                |   |
|--------------------------------|---|
| <b>Clonality :</b>             | Polyclonal  |
| <b>Application :</b>           | WB,IF   |
| <b>Reactivity :</b>            | Human,Mouse,Rat   |
| <b>Gene :</b>                  | SMAD2   |
| <b>Gene ID :</b>               | 4087  |
| <b>Uniprot ID :</b>            | Q15796  |
| <b>Format :</b>                | Purified  |
| <b>Alternative Name :</b>      | Mad-related protein 2   |
| <b>Isotype :</b>               | Rabbit IgG  |
| <b>Immunogen Information :</b> | Peptide sequence around aa. 463~467 (C-S-S-M-S) derived from Human Smad2. |

#### Description

Transcriptional modulator activated by TGF-beta and activin type 1 receptor kinase. SMAD2 is a receptor-regulated SMAD (R-SMAD). May act as a tumor suppressor in colorectal carcinoma.

#### Product Info

|                            |  |
|----------------------------|--|
| <b>Amount :</b>            | 50 µl / 100 µl   |
| <b>Content :</b>           | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| <b>Storage condition :</b> | Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.                                |

#### Application Note

Predicted MW: 60kd, Western blotting: 1:500~1:1000, Immunofluorescence: 1:100~1:200

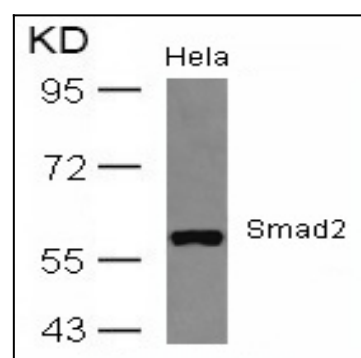


Figure 1: Western blot analysis of extracts from HeLa cells using Smad2(Ab-467) Antibody 35-1643 .

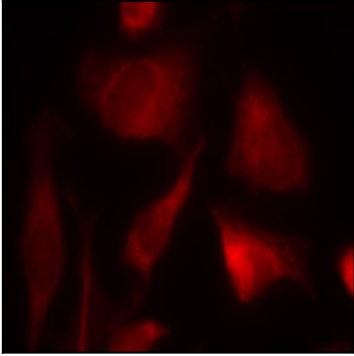


Figure 2: Immunofluorescence staining of methanol-fixed HeLa cells using Smad2(Ab-467) Antibody 35-1643 .