



SMAD2 Monoclonal Antibody

| | |
|----------------------------|--|
| Product Code | CSB-MA913719 |
| Storage | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |
| Immunogen | Purified recombinant Human SMAD2 protein fragments expressed in E.coli. |
| Raised In | Mouse |
| Species Reactivity | Human |
| Specificity | This antibody detects endogenous levels of SMAD2 and does not cross-react with related proteins. |
| Tested Applications | ELISA,WB,ICC;Recommended dilution:WB:1:500-1:5000,ICC:1:50-1:200 |
| Relevance | <p>Receptor-regulated SMAD (R-SMAD) that is an intracellular signal transducer and transcriptional modulator activated by TGF-beta (transforming growth factor) and activin type 1 receptor kinases.Binds the TRE element in the promoter region of many genes that are regulated by TGF-beta and,on formation of the SMAD2/SMAD4 complex,activates transcription.May act as a tumor suppressor in colorectal carcinoma.Positively regulates PDPK1 kinase activity by stimulating its dissociation from the 14-3-3 protein YWHAQ which acts as a negative regulator.</p> |
| Form | Ascites |
| Isotype | IgG1 |
| Clonality | Monoclonal |
| Alias | hMAD 2; hMAD-2; hSMAD2; JV18 1; JV18; JV18; JV18-1; JV181; MAD; MAD; MAD homolog 2; MAD Related Protein 2; Mad-related protein 2; MADH2; MADR2; MGC22139; MGC34440; Mothers Against Decapentaplegic Homolog 2; Mothers Against Decapentaplegic Homolog 2; |
| Product Type | Monoclonal Antibody |
| Immunogen Species | Homo sapiens (Human) |