

# SMAD2 Recombinant Monoclonal Antibody [BLR130H]

Rabbit Recombinant Monoclonal

Purified	RefSeq ID	NP_005892.1
Catalog No. A700-130CF	Uniprot ID	Q15796
Lot No. 200608	GeneID	4087

**APPLICATIONS** WB, IP, IHC, ICC, Flow Cyt

**SPECIES REACTIVITY** Human, Mouse

**AMOUNT** 100 µl

**CONCENTRATION** 1000 µg/ml

**STORAGE/SHELF LIFE** 2 – 8°C / 1 year from date of receipt

**PHYSICAL STATE** Liquid

**BUFFER** Borate Buffered Saline (BBS) pH 8.2 with 0.09% Sodium Azide, BSA-Free

**ISOTYPE** IgG

**CLONE #** BLR130H

**ORIGIN** USA

**PRODUCTION PROCEDURES** Recombinant antibody was purified from cell culture supernatant.

Immunogen was a peptide representing a region between residue 225 and 275 of human Mothers against decapentaplegic homolog 2 (aka SMAD2) using the numbering given in entry NP\_005892.1 (Gene ID 4087).

**APPLICATION NOTES** All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight.

Western blots of cell lysates are performed using Goat anti-Rabbit IgG Heavy and Light Chain Antibody (A120-101P).

Western blots of immunoprecipitates are performed using Goat anti-Rabbit Light Chain HRP Conjugate (A120-113P) with 5% Normal Pig Serum (S100-020) added to the blocking buffer.

A700-130CF is the carrier-free formulation of A700-130. This product is optimized for conjugation with enzymes, fluorochromes, biotin, radioisotopes, oligonucleotides, microspheres, and other reagents. The optimal experimental concentration of the antibody post-conjugation must be determined by the investigator.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: July 10, 2025