
MSH2 (1B3) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252617

Unit: 0.1 ml

Description:

MSH2 (DNA mismatch repair protein Msh2) is a component of the post-replicative DNA mismatch repair system (MMR). MSH2 forms two different heterodimers: MutS alpha (MSH2-MSH6 heterodimer) and MutS beta (MSH2-MSH3 heterodimer) that bind to DNA mismatches and initiate DNA repair. Defects in MSH2 are the cause of hereditary nonpolyposis colorectal cancer type 1 and endometrial cancers.

Isotype: Mouse IgG1

Applications: WB, IHC, IF

Species Reactivity: H, Mk

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: DNA mismatch repair protein Msh2; MutS protein homolog 2; MSH2

Accession No.: P43246

Antigen: Purified recombinant fragment of human MSH2 expressed in E. coli.

Application Notes: WB: 1: 500-1: 2,000 IHC: 1: 200-1: 1,000 IF: 1: 200-1: 1,000

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.