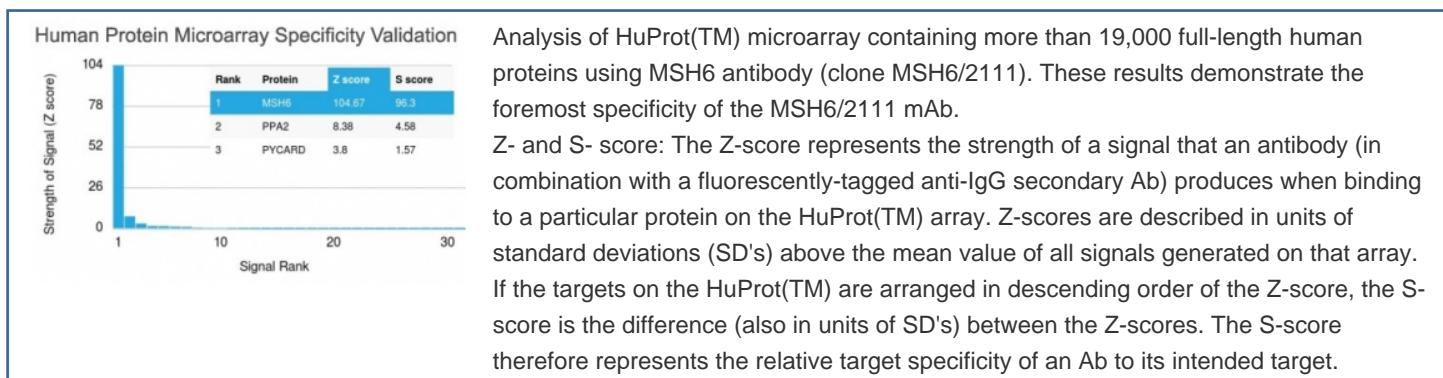


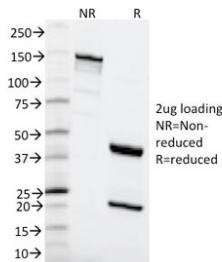
## MSH6 Antibody [clone MSH6/2111] (V3844)

Catalog No.	Formulation	Size
V3844-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3844-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3844SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

### Bulk quote request

Availability	1-2 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	MSH6/2111
Purity	Protein G affinity chromatography
UniProt	P52701
Localization	Nuclear
Applications	ELISA (order BSA/sodium Azide-free Format For Coating) :
Limitations	This MSH6 antibody is available for research use only.





SDS-PAGE analysis of purified, BSA-free MSH6 antibody (clone MSH6/2111) as confirmation of integrity and purity.

## Description

The finding that mutations in DNA mismatch repair genes are associated with hereditary nonpolyposis colorectal cancer (HNPCC) has resulted in considerable interest in the understanding of the mechanism of DNA mismatch repair. Initially, inherited mutations in the MSH2 and MLH1 homologs of the bacterial DNA mismatch repair genes mutS and mutL were demonstrated at high frequency in HNPCC and were shown to be associated with microsatellite instability. A member of the mismatch repair family, GTBP (also designated MSH6), is an MSH2-related protein that binds to DNA containing G/T mismatches. Findings suggest that the mismatch-binding factor in human cells is composed of a heterodimer of GTBP and MSH2.

## Application Notes

Optimal dilution of the MSH6 antibody should be determined by the researcher.

## Immunogen

A portion of amino acids 374-540 from the human protein were used as the immunogen for this MSH6 antibody.

## Storage

Store the MSH6 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).