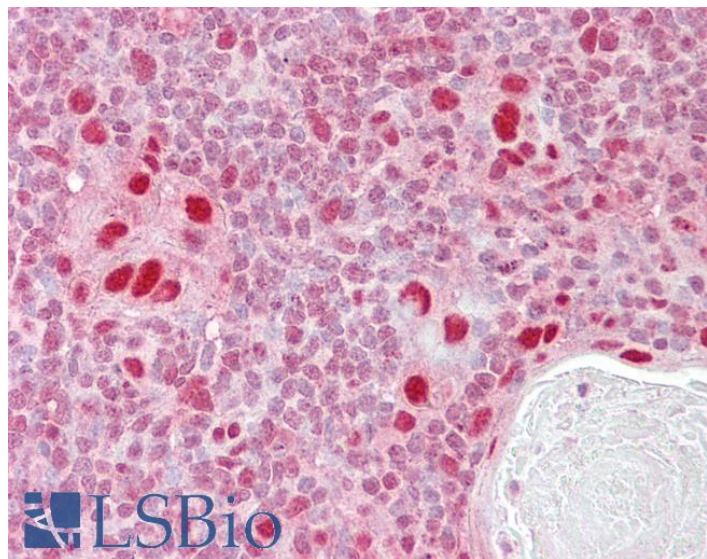


GOAT ANTI-MSH5 ANTIBODY

SKU: EB08335



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	mutS homolog 5 NG23 MutSH5 G7N: MGC2939 DKFZp434C1615 XXbac-BCX40G17.5 mutS homolog 5 (E. coli) MSH5
Accession ID	NP_079535.3 ; NP_751897.1; NP_002432.1
Blocking Peptide	EBP08335
Immunogen	Peptide with sequence GDLHCEIRDQET, from the internal region of the protein sequence according to NP_079535.3 ; NP_751897.1; NP_002432.1.
Product Comments	This antibody is expected to recognise three reported isoforms (NP_079535.3 ; NP_751897.1; NP_002432.1); Reported variants NP_751898.1 and NP_002432.1 represent identical protein.
Peptide Sequence	GDLHCEIRDQET
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat
Reactive Species	Human
Human Gene ID	4439
Mouse Gene ID	17687
Rat Gene ID	294252
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Paraffin embedded Human Testis and Thymus. Recommended concentration: 2.5-3.75µg/ml.
ELISA	
Detection Limit	Antibody detection limit dilution 1:64000.
Western Blot	Preliminary experiments gave an approx 38kDa band in Human Testis, Tonsil and Thymus lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 92.9kDa according to the smallest reported isoform NP_002432.1. The 38kDa band was successfully blocked by incubation with the immunizing peptide.
Application Type	Pep-ELISA, IHC

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

