



Mouse anti-Human HOXB7 polyclonal antibody (DPAB-DC1595)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene is a member of the Antp homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of melanoma and ovarian carcinoma.
Immunogen	HOXB7 (NP_004493, 55 a.a. ~ 120 a.a) partial recombinant protein with GST tag. The sequence is MQGLYPGGGMAGQSAAGVYAAGYGLEPSSFNMHCAPFEQNLSGVCPGDSAKAAGAKEQR DSDLAA
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	HOXB7 homeobox B7 [Homo sapiens (human)]
Official Symbol	HOXB7
Synonyms	HOXB7; homeobox B7; HOX2; HOX2C; HHO.C1; Hox-2.3; homeobox protein Hox-B7; homeo box 2C; homeo box B7; homeo box c1 protein; homeobox protein HHO.C1; homeobox protein Hox-2C;
Entrez Gene ID	3217
Protein Refseq	NP_004493
UniProt ID	P09629
Chromosome Location	17q21.3
Function	protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;