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Product datasheet for TA500219BM

Hex (HHEX) Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI3E6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3E6
Applications:	IF, WB
Recommended Dilution:	WB 1:1000; IF 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant fragment expressed in E.coli corresponding to amino acids 100-270 of human Hex
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	HRP
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29.8 kDa
Gene Name:	hematopoietically expressed homeobox
Database Link:	NP_002720 Entrez Gene 15242 MouseEntrez Gene 79237 RatEntrez Gene 3087 Human Q03014
Background:	Hex is a member of the homeobox family of transcription factors, many of which are involved in developmental processes. Expression in specific hematopoietic lineages suggests that this protein may play a role in hematopoietic differentiation.
Synonyms:	HEX; HMPH; HOX11L-PEN; PRH; PRHX
Protein Families:	Druggable Genome, Transcription Factors

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Protein Pathways: Maturity onset diabetes of the young

Product images:

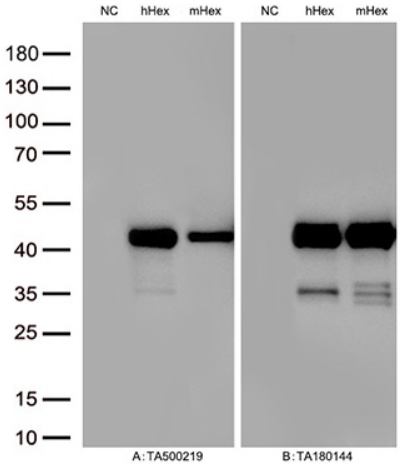
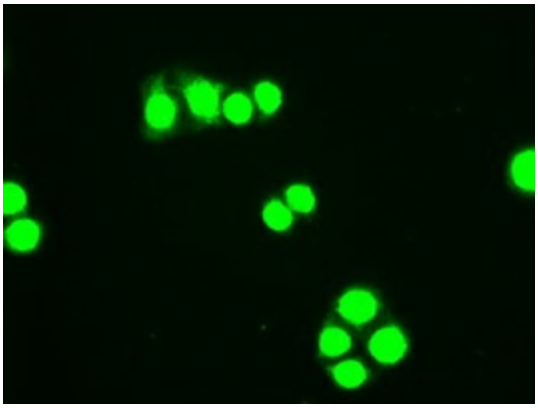


Figure A, Western blot analysis of overexpressed lysates(15ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC) , human Hex plasmid ([RC204815], hHex), mouse Hex plasmid ([MR203607], mHex) using anti-Hex antibody [TA500219] (1:100). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:1000)



Immunofluorescent staining of HT29 cells using anti-HHex mouse monoclonal antibody ([TA500219]).

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