

Product datasheet for **CF500219**

Hex (HHEX) Mouse Monoclonal Antibody [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:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
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.



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Synonyms: HEX; HMPH; HOX11L-PEN; PRH; PRHX

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Maturity onset diabetes of the young

Product images:

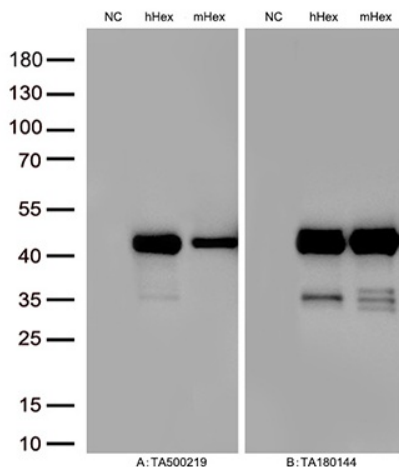
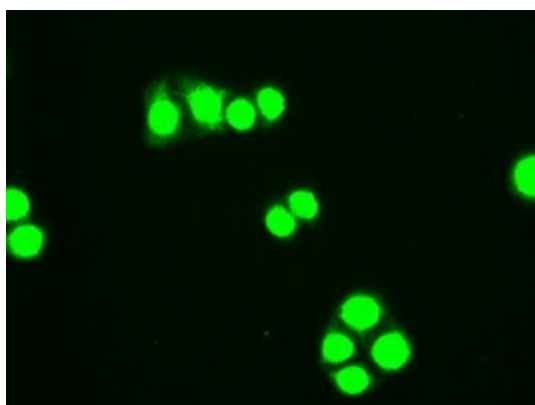


Figure A, Western blot analysis of overexpressed lysates(15ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC), human Hex plasmid ([RC204815], hHex), mouse Hex plasmid ([MR203607], mHex) using anti-Hex antibody [TA500219] (1:100). Figure B, Western blot analysis of the same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



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