Datasheet for ABIN2668749

anti-EED antibody

2 Images

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Overview

Quantity:	100 µg
Target:	EED
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EED antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ChIP DNA-Sequencing (ChIP-seq), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	This EED antibody was raised against full-length recombinant human EED protein.
Clone:	41D
Isotype:	IgG2a
Purification:	Protein A Chromatography

Target Details

Target:	EED
Alternative Name:	EED (EED Products)
Molecular Weight:	57 kDa
Gene ID:	8726

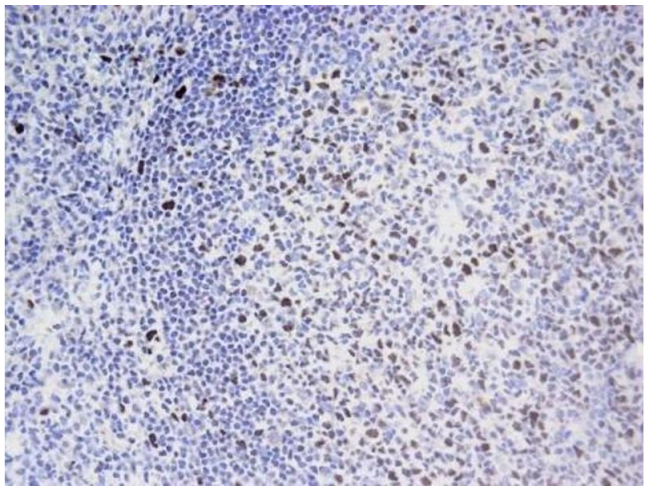
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

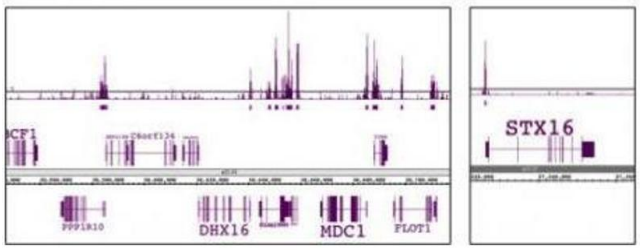
Concentration:	1 µg/µL
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles and keep on ice when not in storage.
Storage:	-20 °C
Storage Comment:	Antibodies in solution can be stored at -20 °C for 2 years.
Expiry Date:	6 months

Images



Immunohistochemistry

Image 1. EED mAb tested by Immunohistochemistry . EED detection by Immunohistochemistry. The analysis was performed using human tonsil paraffin section and the EED mAb.



ChIP DNA-Sequencing

Image 2. EED antibody (mAb) tested by ChIP-Seq. ChIP was performed using the ChIP-IT® High Sensitivity Kit (Cat. No. 53040) with chromatin from a human B cell lymphoma cell line (4.5 million cells) and 4 µl of antibody. ChIP DNA was sequenced on the Illumina HiSeq and 32 million sequence tags were mapped to identify EED binding sites. The image on the left shows EED binding across a 1.6 million bp region on chromosome 6. The image on the right shows EED binding at the STX16 start site.