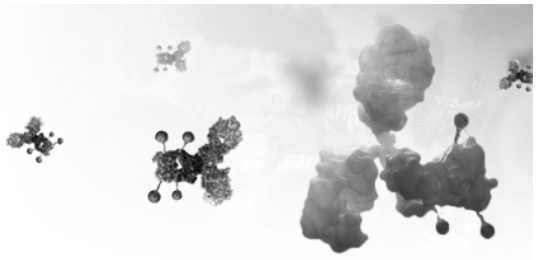

Mouse anti-Human USP21 monoclonal antibody, clone 4E21 (CABT-B11759)

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

PRODUCT INFORMATION

Immunogen	USP21 (NP_036607, 466 a.a. ~ 566 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	4E21
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	FSASRGSIKKSSVGVDFPLQRLSLGDFASDKAGSPVYQLYALCNHSGSVHYGHYTALCRC QTGWHVYNDSRVSPVSENQVASSEGYVLFYQLMQEPPRCL*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a member of the C19 peptidase family, also known as family 2 of ubiquitin carboxy-terminal hydrolases. The encoded protein cleaves ubiquitin from ubiquitinated proteins

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	for recycling in intracellular protein degradation. The encoded protein is also able to release NEDD8, a ubiquitin-like protein, from NEDD8-conjugated proteins. This gene has been referred to as USP16 and USP23 but is now known as USP21. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2008]
Keywords	USP21; ubiquitin specific peptidase 21; USP16; USP23; ubiquitin carboxyl-terminal hydrolase 21; NEDD8-specific protease; ubiquitin thioesterase 21; deubiquitinating enzyme 21; ubiquitin thiolesterase 21; ubiquitin specific protease 21; ubiquitin-specific protease 16; ubiquitin-specific processing protease 21; ubiquitin-specific-processing protease 21;

GENE INFORMATION

Entrez Gene ID	27005
UniProt ID	Q9UK80
Function	NEDD8-specific protease activity; cysteine-type peptidase activity; cysteine-type peptidase activity; metal ion binding; peptidase activity; protein binding; transcription coactivator activity; ubiquitin thiolesterase activity; ubiquitin thiolesterase activity; ubiquitin thiolesterase activity; ubiquitin-specific protease activity

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221