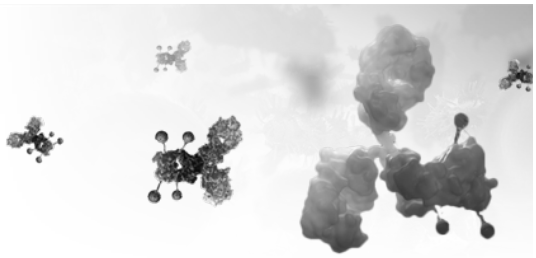

Mouse Anti-Human ULBP-2/5/6 monoclonal antibody, clone 276014 (CABT-L3189)

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

PRODUCT INFORMATION

Specificity	Detects human ULBP-2 and human RAET1L/ULBP-6 in direct ELISA and stains cells transfected with human ULBP-2, human ULBP-5 or human RAET1L/ULBP-6 in flow cytometry. In direct ELISA, 11% cross-reactivity with recombinant human ULBP5 is observed. It does not stain cells transfected with human ULBP-1 or human ULBP-3 in flow cytometry.
Target	Human ULBP-2/5/6
Immunogen	BaF3 mouse pro-B cell line transfected with human ULBP-2
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	276014
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	ELISA, FC, BL
Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Format	Lyophilized
Size	100 µg, 500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.

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Preservative	None
Storage	Long time storage is recommended at -20°C.
Ship	Wet ice

BACKGROUND

Introduction	ULBPs activate multiple signaling pathways in primary NK cells, resulting in the production of cytokines and chemokines. Binding of ULBPs ligands to NKG2D induces calcium mobilization and activation of the JAK2, STAT5, ERK and PI3K kinase/Akt signal transduction pathway. The name ULBP derives from the original identification of three proteins, ULBP-1, -2, and -3, as ligands for the human cytomegalovirus glycoprotein UL16; they were designated UL16 binding proteins (ULBP). The genes for ULBPs reside in a cluster of ten related genes, six of which encode potentially functional glycoproteins. ULBP-2 has also been described under the names RaeT1H (retinoic acid early transcript), NKG2DL2, and ALCAN-alpha.
Keywords	ALCAN-alpha;N2DL2;NKG2DL2;RAET1H;RAET1L;UL16 binding protein 2;ULBP2;ULBP-2/5/6

GENE INFORMATION

Synonyms	UL-16 binding protein 5; ALCAN-alpha; N2DL2; NKG2DL2; RAET1H; RAET1L; UL16 binding protein 2; ULBP2; ULBP-2/5/6
UniProt ID	Q9BZM5

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