

Anti-UBE2D1 Antibody (3N219)

Product Details

Ig Type:	Mouse IgG2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	3N219
Purification:	Protein A

Applications

Verified Activity:	Flow cytometric analysis of Human UBE2D1 expression on A431 cells. Cells were stained with purified anti-Human UBE2D1, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.
Application:	FCM
Recommended	FCM: 1:25-1:100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human UBE2D1 Protein (TMPY-02426)
Antigen Species:	Human
Synonyms:	UBCH5A;E2(17)KB1;ubiquitin-conjugating enzyme E2D 1;UBC4/5;UBCH5;SFT

Research Background

Ubiquitin-conjugating enzyme E2 D1 (UBE2D1), a member of human E2 ubiquitin-conjugating enzymes, is closely related to SFT, which is short for stimulator of iron (Fe) transport. In other words, Ubch5A is significantly up-regulated in the liver of iron-overloaded patients with hereditary hemochromatosis, as previously published for SFT. Moreover, a complex of UBE2D1 is critical in maintaining KRAS protein stability and propose that targeting such complex may be a unique strategy to degrade mutant KRAS to kill cancer cells.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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