



CD71 (PT0719) Mouse mAb

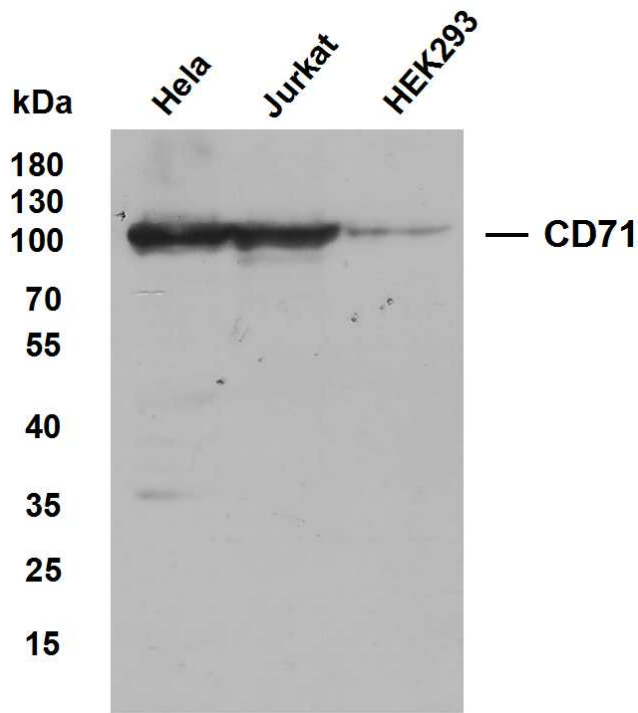
货号	BYab-18054
同位型	IgG
应用	WB;ELISA
种属	Human
靶点	TFRC
基因名称	TFRC
蛋白名称	Transferrin receptor protein 1 (TR) (TfR) (TfR1) (Trfr) (T9) (p90) (CD antigen CD71) [Cleaved into: Transferrin receptor protein 1, serum form (sTfR)]
免疫原	Synthesized peptide derived from human CD71. AA range: 100-200
特异性	This antibody detects endogenous levels of CD71 at Human
组成	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
来源	Monoclonal, Mouse IgG1, Kappa
稀释	WB 1:500-2000,ELISA 1:5000-20000
纯化工艺	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
其他名称	Transferrin receptor protein 1 (TR) (TfR) (TfR1) (Trfr) (T9) (p90) (CD antigen CD71) [Cleaved into: Transferrin receptor protein 1, serum form (sTfR)]
实测条带	95kD
背景	transferrin receptor(TFRC) Homo sapiens This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Multiple alternatively spliced variants have been identified. [provided by RefSeq, Sep 2015],
功能	Cellular uptake of iron occurs via receptor-mediated endocytosis of ligand-occupied transferrin receptor into specialized endosomes . Endosomal acidification leads to iron release. The apotransferrin-receptor complex is then recycled to the cell surface with a return to neutral pH and the concomitant loss of affinity of apotransferrin for its receptor. Transferrin receptor is necessary for development of erythrocytes and the nervous system (By similarity). A second ligand, the hereditary hemochromatosis protein HFE, competes for binding with transferrin for an overlapping C-terminal binding site. Positively regulates T and B cell proliferation through iron uptake . Acts as a lipid sensor that regulates mitochondrial fusion by regulating activation of the JNK pathway . When dietary levels of stearate (C18:0) are low, promotes activation of the JNK pathway, resulting in HUWE1-mediated ubiqu
细胞定位	Cell membrane ; Single-pass type II membrane protein . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV. .; [Transferrin receptor protein 1, serum form]: Secreted .

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浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)
有关注意事项	Avoid repeated freezing and thawing!
使用建议	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Various whole cell lysates were separated by 10% SDS-PAGE and the membrane was blotted with anti-Her-2 (PT1844) antibody. The HRP-conjugated anti-Mouse IgG antibody was used to detect the antibody. Lane 1: HeLa Lane 2: Jurkat Lane 3: HEK293
Predicted band size: 84kDa Observed band size: 100kDa