

Anti-FBXL10 Antibody (6J798)

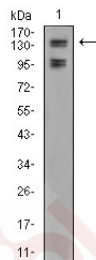
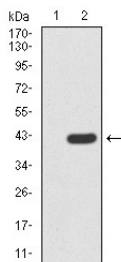
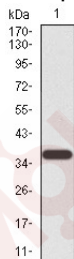
Product Details

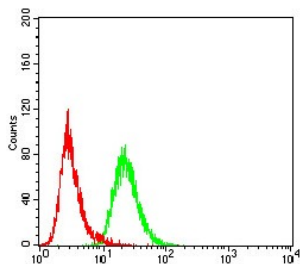
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 152 kDa.
Clone:	6J798
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of FBXL10 on human FBXL10 recombinant protein using anti-FBXL10 antibody at 1/1,000 dilution.
2. Western blot analysis of FBXL10 on HEK293 (1) and FBXL10-hlgGfc transfected HEK293 (2) cell lysate using anti-FBXL10 antibody at 1/1,000 dilution.
3. Western blot analysis of FBXL10 on A549 cell lysate using anti-FBXL10 antibody at 1/1,000 dilution.
4. Flow cytometric analysis of Hela cells with FBXL10 antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).





Application: FCM,WB

Recommended WB: 1:500-1000; FCM: 1:50-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: Q8NHM5

Synonyms: KDM2B_HUMAN;Protein JEMMA;PCCX2;F-box and leucine-rich repeat protein 10;JmjC domain-containing histone demethylation protein 1B;[Histone-H3]-lysine-36 demethylase 1B;Jumonji domain-containing EMSY-interactor methyltransferase motif protein;FBXL 10;kdm2b;JEMMA (Jumonji domain EMSY interactor methyltransferase motif) protein;Lysine (K) specific demethylase 2B;FBXL10;Lysine-specific demethylase 2B;Protein containing CXXC domain 2;F-box protein FBL10;Fbl10;F-box/LRR-repeat protein 10;JHDM1B;CXXC2;Protein-containing CXXC domain 2;CXXC-type zinc finger protein 2;F box and leucine rich repeat protein 10;Jumonji C domain containing histone demethylase 1B;F box protein FBL10

Research Background

FBXL10 (F-box and leucine-rich repeat protein 10), also known as Fbl10, CXXC2 (CXXC-type zinc finger protein 2), PCCX2, KDM2B, JEMMA (jumonji domain, EMSY-interactor, methyltransferase motif protein) or JHDM1B (jumonji C domain-containing histone demethylase 1B), is a nuclear protein that contains one F-box domain, a CXXC-type zinc finger, one JMJC domain, four leucine-rich repeats and one PHD-type zinc finger. FBXL10 belongs to the Fbls class of F-box proteins that contain leucine-rich repeats in addition to their F-box motif. F-box proteins are critical components of the SCF (Skp1-CUL-1-F-box protein) type E3 ubiquitin ligase complex and are involved in substrate recognition and recruitment for ubiquitination. In addition to its role in substrate recognition as a component of the E3 complex, FBXL10 functions as a dimethylation-specific demethylase, binding iron as a cofactor and demethylating lysine-36 of Histone H3. This suggests that FBXL10 plays a central role in the histone code.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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