

Mouse anti-Human FBXL10 Monoclonal Antibody | anti-FBXL10 antibody

FBXL10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312026	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot

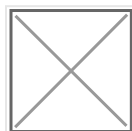
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

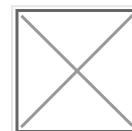
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	6G-11
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-FBXL10 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



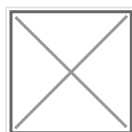
FCM/FACS (Flow Cytometry)

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).



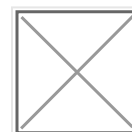
WB (Western Blot)

Western blot analysis of FBXL10 on A549 cell lysate using anti-FBXL10 antibody at 1/1, 000 dilution.



WB (Western Blot)

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.



WB (Western Blot)

Western blot analysis of FBXL10 on human FBXL10 recombinant protein using anti-FBXL10 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-FBXL10 antibody	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.
Product Categories/Family for anti-FBXL10 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	54112380
NCBI GeneID	84678
NCBI Accession #	NP_001005366.1
NCBI GenBank Nucleotide #	NM_001005366.1
UniProt Accession #	Q8NHM5; Q8NCI2; Q96HC7; Q96SL0; Q96T03; Q9NS96; Q9UF75; A8MRS1
Molecular Weight	144,769 Da
NCBI Official Full Name	lysine-specific demethylase 2B isoform b
NCBI Official Synonym Full Names	lysine (K)-specific demethylase 2B
NCBI Official Symbol	KDM2B
NCBI Official Synonym Symbols	CXXC2; Fbl10; PCCX2; FBXL10; JHDM1B
NCBI Protein Information	lysine-specific demethylase 2B; F-box protein FBL10; F-box/LRR-repeat protein 10; CXXC-type zinc finger protein 2; protein-containing CXXC domain 2; [Histone-H3]-lysine-36 demethylase 1B; F-box and leucine-rich repeat protein 10; jumonji C domain-containi
UniProt Protein Name	Lysine-specific demethylase 2B
UniProt Gene Name	KDM2B
UniProt Synonym Gene Names	CXXC2; FBL10; FBXL10; JHDM1B; PCCX2; Protein JEMMA
UniProt Entry Name	KDM2B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fbxl10-antibody-clone-6g-11-flow-cytometry-western-blot-elisa/312026>