

Datasheet for ABIN7653492
anti-EZH2 antibody (CF®647)



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Overview

Quantity:	100 µL
Target:	EZH2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EZH2 antibody is conjugated to CF®647
Application:	Western Blotting (WB)

Product Details

Purpose:	EZH2 / KMT6(EZH2/2536), CF647 conjugate
Immunogen:	Recombinant full-length human EZH2 protein
Clone:	EZH2-2536
Isotype:	IgG2a, kappa
Characteristics:	This gene encodes a member of the Polycomb-group (PcG) family. PcG family members form multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein associates with the embryonic ectoderm development protein, the VAV1 oncoprotein, and the X-linked nuclear protein. This protein may play a role in the hematopoietic and central nervous systems. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. Primary antibodies are available purified, or with a selection of fluorescent CF® Dyes and other labels. CF® Dyes offer exceptional brightness and photostability. Note: Conjugates of blue

Product Details

fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target:	EZH2
Alternative Name:	EZH2
Background:	Synonyms: Enhancer of zeste 2 polycomb repressive complex 2 subunit, Enhancer of zeste homolog 2 (EZH2), ENX1, Enx1h, EZH2b, Histone-lysine N-methyltransferase EZH2, KMT6, KMT6A, Lysine N-methyltransferase 6, WVS, WVS2 Gene Symbol: EZH2
Molecular Weight:	81-102 kDa
Gene ID:	2146
UniProt:	Q15910
Pathways:	Retinoic Acid Receptor Signaling Pathway , Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	Western blot 0.5-1.0 µg/mL, Optimal dilution for a specific application should be determined.
Comment:	Positive Control: MCF7, HeLa, U-2 OS or HEK-293 whole cell lysates. Human tonsil, testis or prostate tissue.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1 mg/mL
Buffer:	PBS, 0.1 % BSA, 0.05 % azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from light

Handling

Storage:	4 °C
Storage Comment:	Stable at room temperature or 37°C for 7 days. Protect from light Store at 2 to 8°C. Protect fluorescent conjugates from light
Expiry Date:	24 months