

Datasheet for ABIN2175627 **anti-HEXDC antibody (PE)**



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Overview

Quantity:	100 µL
Target:	HEXDC
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HEXDC antibody is conjugated to PE
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HEXDC
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Horse
Purification:	Purified by Protein A.

Target Details

Target:	HEXDC
Alternative Name:	HEXDC (HEXDC Products)
Background:	Synonyms: Beta hexosaminidase D, Beta N acetylhexosaminidase, FLJ23825, Hexosaminidase glycosyl hydrolase family 20 catalytic domain containing, hexosaminidase glycosyl hydrolase

Target Details

family 20, catalytic domain, Hexosaminidase D, Hexosaminidase domain containing protein, N acetyl beta galactosaminidase, HEXDC_HUMAN.

Background: HEXDC, also known as hexosaminidase D, beta-hexosaminidase D, N-acetyl-beta-galactosaminidase, hexosaminidase domain-containing protein or beta-N-acetylhexosaminidase, is a 486 amino acid cytoplasmic and nuclear protein that has hexosaminidase activity and belongs to the glycosyl hydrolase 20 family. Existing as two alternatively spliced isoforms, HEXDC catalyzes the hydrolysis of non-reducing N-acetyl-D-hexosamine residues near the termini of N-acetyl-beta-D-hexosaminides. The gene encoding HEXDC maps to human chromosome 17, which comprises over 2.5 % of the human genome and encodes over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Defects in p53 is associated with malignant cell growth and Li-Fraumeni syndrome. BRCA1 is directly involved in DNA repair and is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes.

Gene ID: 284004

Application Details

Application Notes: FCM: (1:20-100)
Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.