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MUC16 (vPair™) Antibodies

Cat#: R2334-vp

Lot#: Refer to vial

Predicted | Observed M.W.: 2,353 | > 250 kDa

Uniprot ID: Q8WXI7

Application: WB

Quantity: 50 ul MUC16 (N) (R2334-1) Rabbit Polyclonal Antibody &
50 ul MUC16 (M) (R2334-3) Rabbit Polyclonal Antibody

Product Introduction:

vPair™ antibodies represent a pair of fully characterized antibodies that recognize two different regions of a target protein. The product is developed by Abiocode to address whether the signal observed truly represents the protein of interest, an often encountered issue in antibody-based assays. The use of a pair of fully characterized vPair™ antibodies in the same assay can validate signal specificity since vPair™ antibodies recognize two independent epitopes of the same protein. Different sets of vPair™ antibodies are developed at Abiocode to work with specific applications, including antibody arrays, Western blot, IP-Western, ChIP, IHC, and FACS.

Background:

Mucin-16 (MUC16) is a single-pass type I membrane protein and is thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces.

Other Names:

Mucin-16, CA125, Ovarian cancer-related tumor marker CA125, CA-125, Ovarian carcinoma antigen CA125

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing either the N-terminal [MUC16 (N) (R2334-1)] or the middle [MUC16 (M) (R2334-3)] region of human MUC16. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

For research use only. Not for therapeutic or diagnostic purposes.
Abiocode, Inc., 29397 Agoura Rd., Ste 106, Agoura Hills, CA 91301

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

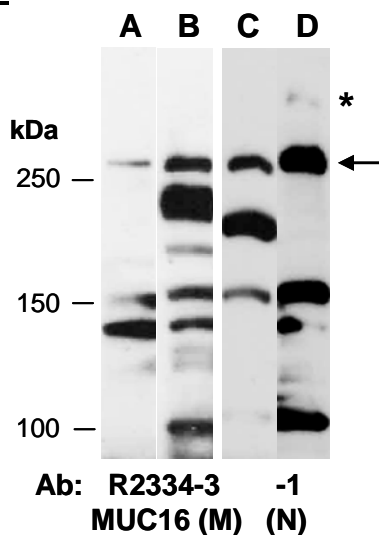


Fig 1. Western blot of total cell extracts from (A, C) mouse thymus, (B, D) human Jurkat; using 2 independent Abs against 2 distinct regions of human MUC16 at RT for 2 h. * indicates a possibly modified form of MUC16.