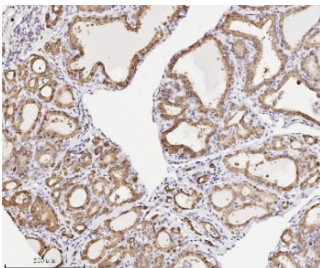


ANXA3 Antibody / Annexin A3 [clone 2H3H8] (RQ7129)

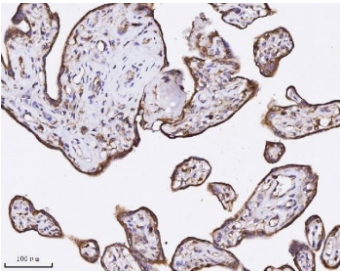
Catalog No.	Formulation	Size
RQ7129	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

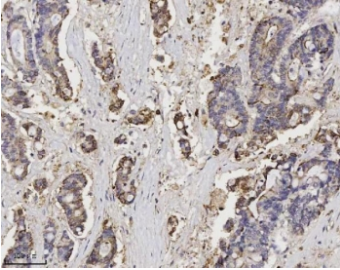
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	2H3H8
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P12429
Localization	Cytoplasmic, membranous
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells
Limitations	This ANXA3 antibody is available for research use only.



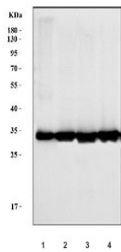
IHC staining of FFPE human thyroid cancer tissue with ANXA3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



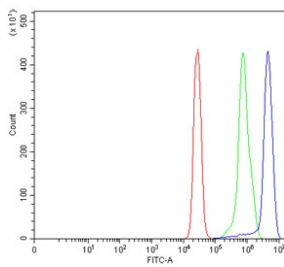
IHC staining of FFPE human placental tissue with ANXA3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human adenocarcinoma of the colon tissue with ANXA3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) A431, 2) Caco-2, 3) A549 and 4) HeLa cell lysate with ANXA3 antibody. Predicted molecular weight ~36 kDa.



Flow cytometry testing of human HepG2 cells with ANXA3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ANXA3 antibody.

Description

Annexin A3 is a protein that in humans is encoded by the ANXA3 gene. It is abnormally expressed in fetuses of both IVF and ICSI, which may contribute to the increase risk of birth defects in these ART. This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions in the inhibition of phospholipase A2 and cleavage of inositol 1,2-cyclic phosphate to form inositol 1-phosphate. This protein may also play a role in anti-coagulation.

Application Notes

Optimal dilution of the ANXA3 antibody should be determined by the researcher.

Immunogen

Amino acids RKALLTLADGRRDESLKVDEHLAKQDAQILYK were used as the immunogen for the ANXA3 antibody.

Storage

After reconstitution, the ANXA3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at

-20oC. Avoid repeated freezing and thawing.