Datasheet: 5620-0436

BATCH NUMBER 153772

Description:	MOUSE ANTI HUMAN LAMININ ALPHA 5
Specificity:	LAMININ ALPHA 5
Format:	Ascites
Product Type:	Monoclonal Antibody
Clone:	4C7 (2D8/33)
Isotype:	IgG2a
Quantity:	50 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			
Immunoprecipitation	▪			
Western Blotting		▪		
Immunofluorescence	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Human
Species Cross Reactivity	Does not react with:Rat, Mouse
Product Form	Ascites - liquid
Preservative Stabilisers	0.09% Sodium Azide (NaN_3)
Immunogen	Purified human laminin.
External Database Links	**UniProt:** O15230 Related reagents

Entrez Gene:

3911 LAMA5 Related reagents

Synonyms	KIAA0533, KIAA1907
RRID	AB_617326
Specificity	**Mouse anti Human Laminin Alpha 5 antibody, clone 4C7** recognizes the laminin alpha 5 chain also known as Laminin-10 subunit alpha, Laminin-11 subunit alpha or Laminin-15 subunit alpha. Laminin is a complex glycoprotein composed of three polypeptide chain complexes. Laminin alpha 5 is expressed in heart, lung, kidney, skeletal muscle, pancreas, retina and placenta, there is little or no expression in brain and liver.

References

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4. Chang, C. *et al.* (2015) A laminin 511 matrix is regulated by TAZ and functions as the ligand for the α6Bβ1 integrin to sustain breast cancer stem cells. Genes Dev. 29 (1): 1-6.
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7. Pouliot, N. & Kusuma, N. (2013) Laminin-511: a multi-functional adhesion protein regulating cell migration, tumor invasion and metastasis. Cell Adh Migr. 7 (1): 142-9.
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Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10081 available at: https://www.bio-rad-antibodies.com/SDS/5620-0436 10081
Regulatory	For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M363304:200528'

Printed on 15 Mar 2024