

Catalog Number: IR45-137

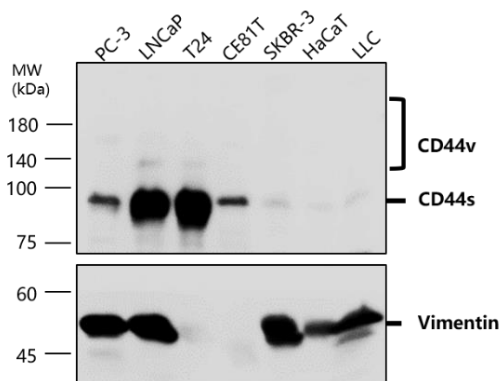
## Anti-Vimentin antibody

Package size: 25, 100  $\mu$ l  
Store at: -20°C  
MW (kDa): 40-57

### Overview

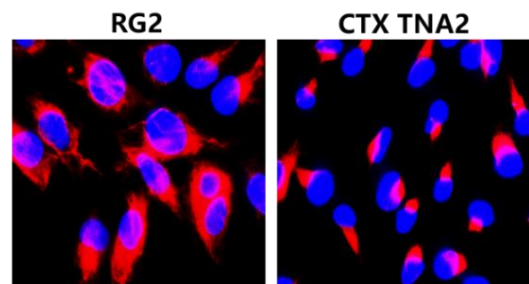
<b>Product Name</b>	Vimentin antibody
<b>Product Number</b>	IR45-137
<b>Gene Description</b>	vimentin
<b>Clonality</b>	Polyclonal
<b>Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Recommended Applications Dilutions</b>	Western Blot 1:2000 – 1:5000 Immunofluorescence 1:200 – 1:500 Immunohistochemistry (Paraffin) 1:200 – 1:300 Immunoprecipitation: Reported in the literature, not verified in house.
<b>Storage Buffer</b>	100mM Tris Glycine, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300.
<b>Concentration</b>	0.46 mg/ml
<b>Purity</b>	Affinity column purified
<b>Storage</b>	Store at +4°C for short term storage. Long time storage is recommended at -20°C
<b>Notes</b>	Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.

IR45-137 anti-Vimentin antibody WB image



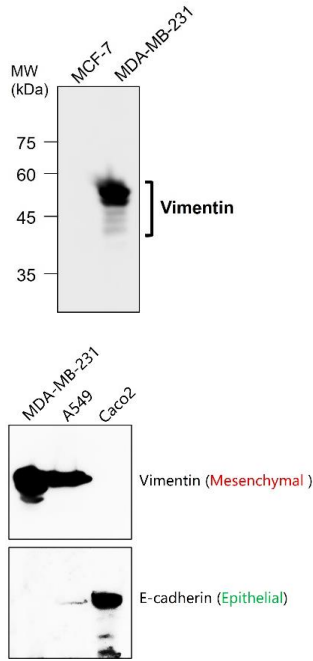
Lysates/proteins at 30  $\mu$ g per lane  
This blot was produced using a 10% SDS-PAGE. The gel was run at 140V for 50 minutes before being transferred onto a Nitrocellulose membrane at 18V for 60 minutes. The membrane was then blocked for an hour before being incubated with IR45-137 overnight at 4°C.

IR45-137 anti-Vimentin antibody ICC/IF image

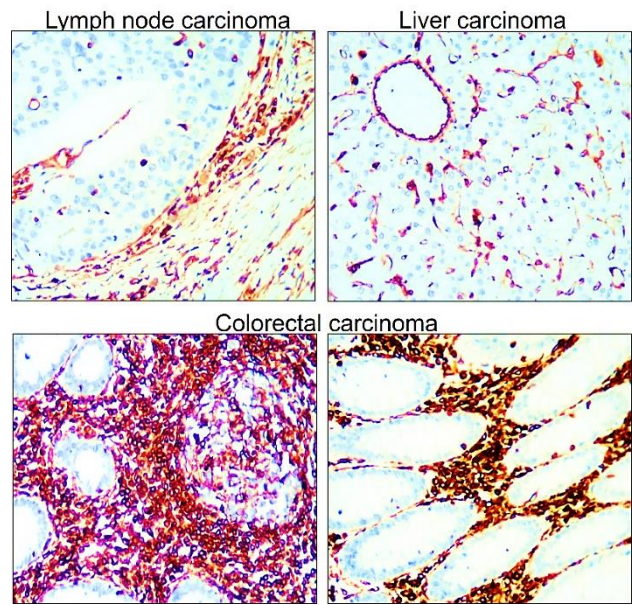


Immunofluorescence: cells were fixed with 4% paraformaldehyde for 10 min at RT, permeabilized with 0.1% NP-40 for 10 min at RT then blocked with 5% BSA for 30 min at room temperature. Cells were stained with IR45-137 anti-Vimentin antibody (red) at 1:500 and 4°C. DAPI (blue) was used as the nuclear counter stain.

**IR45-137 anti-Vimentin antibody WB image**



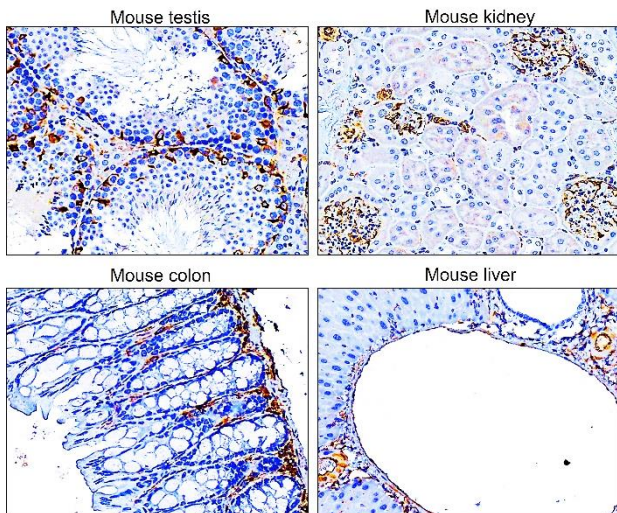
**IR45-137 anti-Vimentin antibody IHC image**



Lysates at 30 µg per lane. This blot was produced using a 10% SDS-PAGE. Nitrocellulose membrane was then blocked for an hour before being incubated with IR45-137 overnight at 4°C.

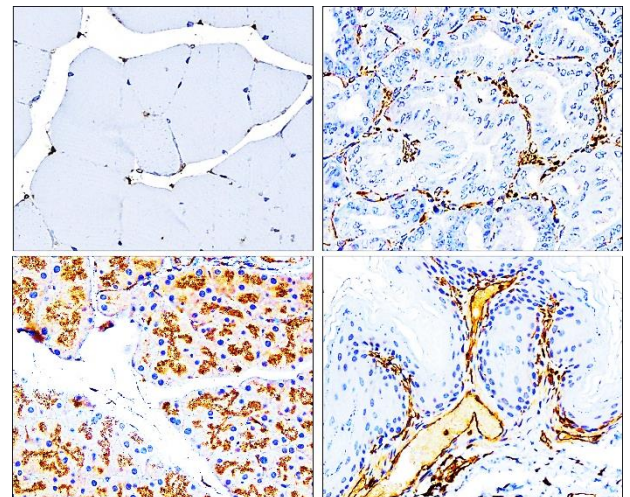
Immunohistochemical analysis of paraffin embedded Human cancer tissue labeling Vimentin with IR45-137 at 1/300.

**IR45-137 anti-Vimentin antibody IHC image**



Immunohistochemical analysis of paraffin embedded mouse tissue labeling Vimentin with IR45-137 at 1/300.  
Epitope Retrieval methods: Citrate Buffer, pH 6.0  
[Data from: Li-Tzung Biotechnology. Co](#)

**IR45-137 anti-Vimentin antibody IHC image**



Immunohistochemical analysis of paraffin embedded mouse tissue labeling Vimentin with IR45-137 at 1/300.  
Epitope Retrieval methods: Citrate Buffer, pH 6.0  
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**IReal Biotechnology Co., Ltd.**

