

Product Datasheet

CD68 Rabbit Polyclonal Antibody (orb197999)

Catalog Number	orb197999
Category	Antibodies
Description	CD68 Rabbit Polyclonal Antibody is an unconjugated antibody that specifically recognizes CD68. Generated against a CD68 recombinant protein. The suitable applications for this antibody are ELISA, ICC, IF, IHC-P and WB.
Target	CD68
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Form/Appearance	10 mM PBS, 0.02% sodium azide
Concentration	- 100 µg (in 200 µl): 0.5 mg/ml- 200 µg (in 400 µl): 0.5 mg/ml
Purity	Polyclonal antibodies are purified by peptide affinity chromatography
Immunogen	CD68 recombinant protein
UniProt ID	Q4FZY1, P34810, P31996
MW	37 kDa
Tested applications	ELISA, ICC, IF, IHC-P, WB
Dilution range	WB: 2 µg/ml, IHC-P:1:100, IF/ICC: 1:100

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Application notes

Representative images showing the presence of macrophages in the ovary. Macrophages were identified using marker CD68. Increased expression of macrophage marker CD68 was noted in both the HF-Ln (n¼6) and HF-Ob (n¼6) groups compared to the LF-Ln mice (n¼6), both after 10 (A) and 32 (B) weeks on HFD. These findings indicate increased tissue inflammation in the ovary after prolonged exposure to HFD regardless of obese phenotype. Ctrl, control. Original magnification 3200

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

For research use only

Entrez

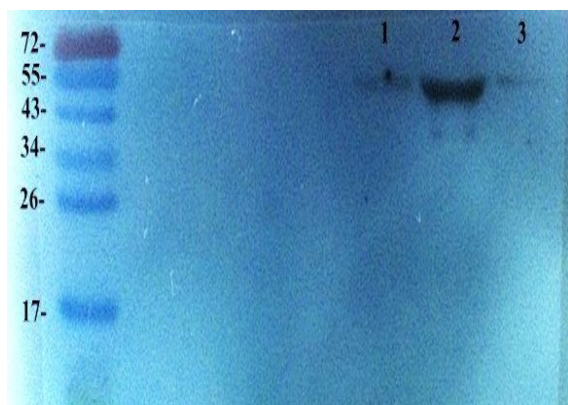
968

NCBI

001040059, 001035148

Expiration Date

12 months from date of receipt.



Western blot analysis of breast cancer (Lane 1), breast cancer (Lane 2), breast cancer (Lane 3) using CD68 antibody (dilution at 2 ug/ml)

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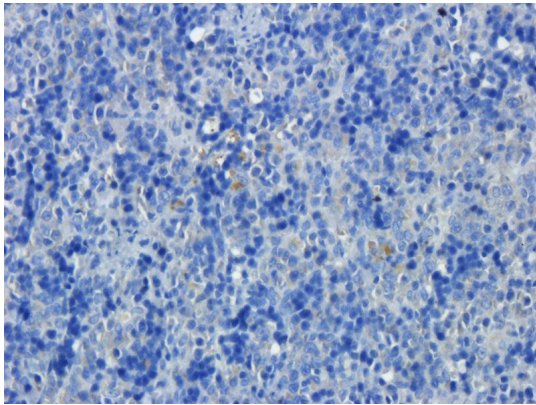
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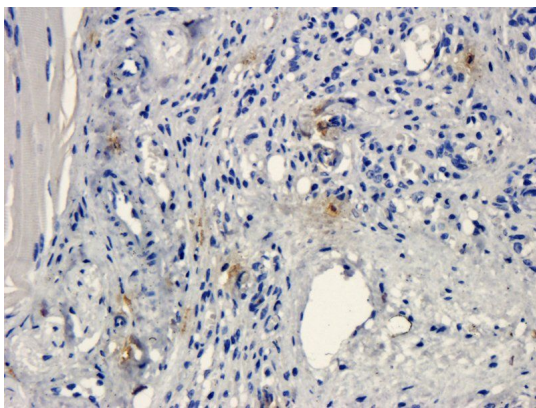
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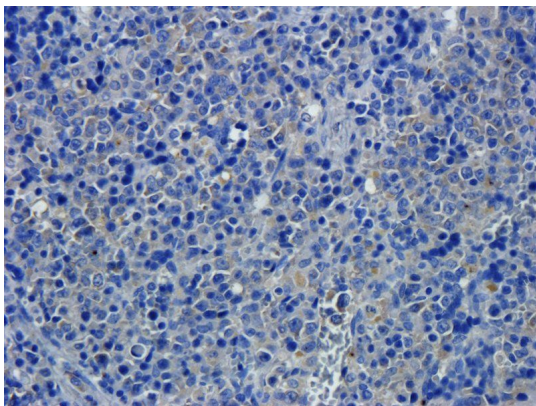
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Immunohistochemical staining of rat spleen tissue using CD68 antibody (dilution of primary antibody - 1:100)



IHC-P image of mouse lymph node tissue using anti-CD68 (dilution of primary antibody at 1:100)



IHC-P staining of rat spleen tissue using anti-CD68 (dilution at 1:100)

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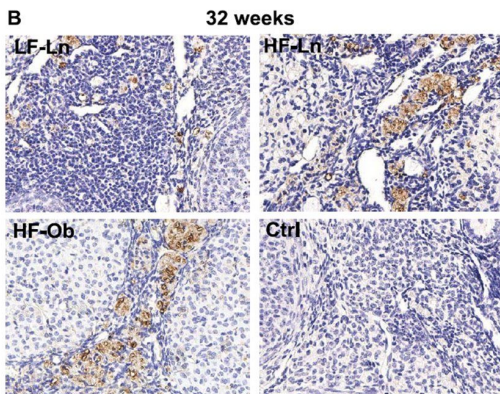
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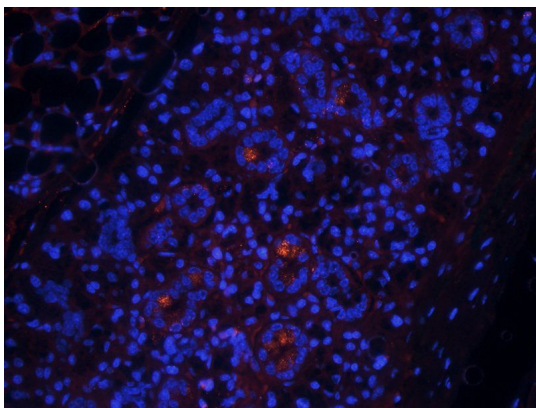
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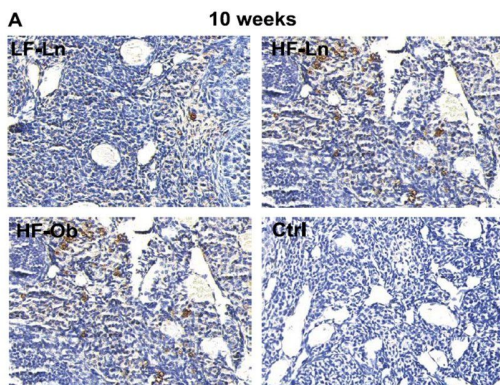
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Representative images showing the presence of macrophages in the ovary. Macrophages were identified using marker CD68. Increased expression of macrophage marker CD68 was noted in both the HF-Ln (n¹/₄₆) and HF-Ob (n¹/₄₆) groups compared to the LF-Ln mice (n¹/₄₆)



Immunofluorescence analysis of mouse lymph node tissue using CD68 antibody (dilution of primary antibody - 1:100)



Representative images showing the presence of macrophages in the ovary. Macrophages were identified using marker CD68. Increased expression of macrophage marker CD68 was noted in both the HF-Ln (n¹/₄₆) and HF-Ob (n¹/₄₆) groups compared to the LF-Ln mice (n¹/₄₆)

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