

Manufacturer/Supplier:

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Product name: Rabbit anti-Connexin 43 Antibody

Catalog: DL90471A

Synonyms: GJAL; Gap junction alpha-1 protein; Connexin-43;
Cx43; Gap junction 43 kDa heart protein

Immunogen: KLH-conjugated synthetic peptide encompassing a
sequence within the C-term region of human
Connexin 43. The exact sequence is proprietary.

Form: Liquid

Concentration: 1mg/mL

Size: 100 ul/50 ul

Host: Rabbit

Reactivity:
Human, Mouse, Rat, Bovine, Chick
n, Dog, Rabbit

Application: WB, IHC, IF/IC

Clonality: Polyclonal

Dilution: WB (1/500 - 1/1000),
IHC (1/100 - 1/200), IF/IC (1/100 -
1/500)

Entrez Gene: 2697/14609/24392

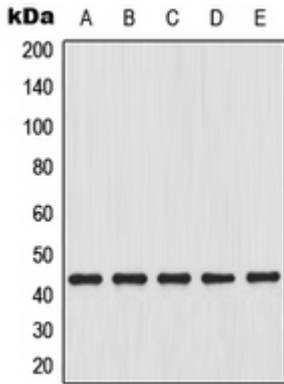
SwissProt: P17302/P23242/P08050

Purification: The antibody was purified by immunogen affinity chromatography.

Buffer: Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

WB description:

Western blot analysis of Connexin 43 expression in C6 (A), HeLa (B), C2C12 (C), mouse heart (D), rat brain (E) whole cell lysates.

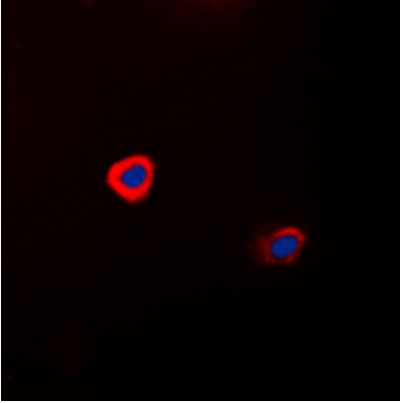


IHC description:

Immunohistochemical analysis of Connexin 43 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

IF/ICC description:

Immunofluorescent analysis of Connexin 43 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary ant



Storage:

Store at -20°C. Avoid repeated freeze / thaw cycles.