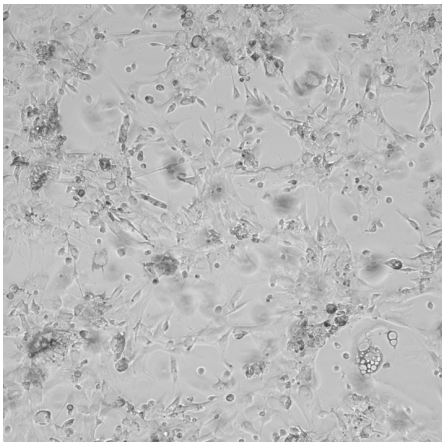
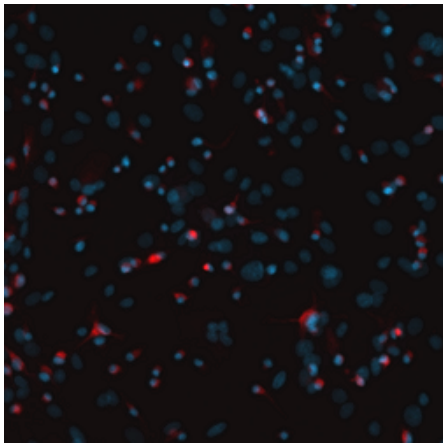
PRIMACYT
Cell Culture Technology

WHRL-KC Rat Cryopreserved Liver Kupffer Cells **Cell specification**	
Lot RLKC 210204 P0-210212	Batch Release: Oct 8, 2021

Species: Rattus norvegicus forma domestica Wistar:Han IGS rat // Crl:Wi(Han)	Gender: female Age: 3.5 months
Cryopreservation: Passage 0 on: February 12, 2021 Number of cells per vial: 1.1 x 10^6 cells	Thawing: n=2 Post-thaw viability: 74.5 ± 2.9 % Post-thaw yield per vial: 1.0 ± 0.1 x 10^6 cells Recovery: 91.9 ± 4.6 %
Phagocytosis activity assay on day 2 of culture: LPS stimulated: 55 % of cells with particle uptake Non-stimulated: 40 % of cells with particle uptake	
Phase contrast on day 2 after thawing 	Fluorescence imaging after thawing: KC specific antigen CD68 (red); nuclei (Hoechst 33342, blue) 

Note: Yield, viability, and recovery were determined at PRIMACYT using PRIMACYT's manual for thawing, plating and culture of cryopreserved non-parenchymal cells.

Store at -150 °C or in the vapour phase of LN_2

This product should be considered as potential biohazard. Only intended for *in vitro* use.

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Detailed animal information and husbandry conditions

Species:	Rat (Rattus norvegicus forma domestica)
Strain:	Wistar:Han IGS rat // Crl:Wi(Han), IGS (International Genetic Standard)
Vendor:	Charles River Germany GmbH & Co. KG, Sulzbach, FRG
Food:	Altromin Maintenance diet for rats and mice (ad libitum), Altromin, Lage, FRG
Water:	ad libitum
Light/Dark cycle:	07:00-19:00 light / 19:00-07:00 dark (12 hours light/dark)
Temperature:	20-24 °C
Humidity:	40-70 %
Bedding:	Hugro hemp bedding, Saerbeck, FRG
Cage:	Techniplast Eurostandard Type III and Type IV including behavioural enrichments for the animals

Animals were housed under veterinary control and allowed to acclimate ≥ 7 days before use.
Animal housing permit according to §11 Abs. 1 TSchG, dated March 20, 2017 under supervision of Veterinary Office of Landkreis Ludwigslust/Parchim, FRG. Liver cells were obtained from a non-infectious, non-contagious, healthy animal.

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