

## SINGLE CHAIN FV

- Molecular weight 30 kDa
- Need to analyze only one interaction (scFv - antigen)
- Database of many scFv sequences available online
- Relatively easy mutagenesis and engineering of new scFvs
- Well known mechanism

## FC RECEPTOR

- Molecular weight 35kDa
- Only several haploids needed to bind a range of molecules
- More flexible if correct antibodies are available

- Different haploid needed for every different antigen to be recognized

- Unspecific binding of antibodies to the receptor in blood application setting
- Need to analyze one additional interaction (FcR - antibody)
- Antibodies that would bind specifically our FcR needed
- Higher cost of final system